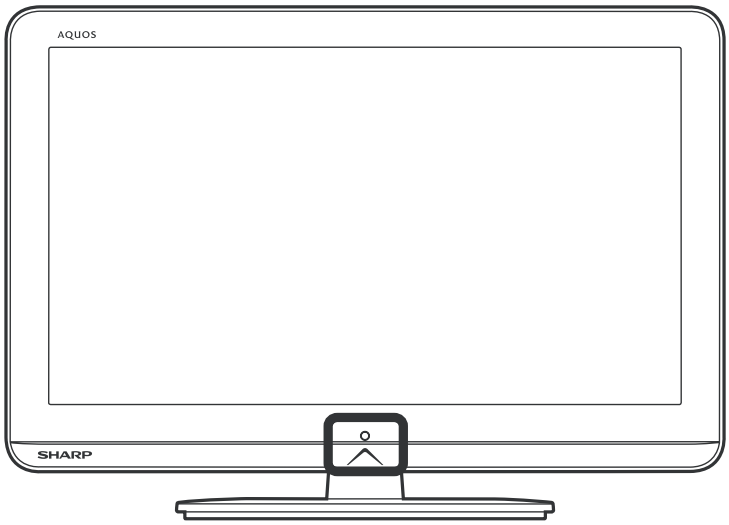
SHARP

SERVICE MANUAL

No.



LED COLOUR TELEVISION

LC-19LE320
LC-22LE320
LC-26LE320
LC-32LE320
LC-37LE320
MODELS LC-42LE320

In the interests of user-safety (Required by safety regulations in some countries) the set should be restored to its original condition and only parts identical to those specified should be used.

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Parts marked with ⚠" are important for maintaining the safety of the set. Be sure to replace these parts with specified ones for maintaining the safety and performance of the set.

SHARP CORPORATION

This document has been published to be used for after sales service only.
The contents are subject to change without notice.

SAFETY PRECAUTION

IMPORTANT SERVICE SAFETY PRECAUTION

■ Service work should be performed only by qualified service technicians who are thoroughly familiar with all safety checks and the servicing guidelines which follow:

■ WARNING

1. For continued safety, no modification of any circuit should be attempted.
2. Disconnect AC power before servicing.

CAUTION:
FOR CONTINUED PROTECTION AGAINST A RISK OF FIRE REPLACE ONLY WITH SAME TYPE FUSE.
42" F901 (T6.3AH/250V)
26"/32" F901 (T5AH/250V)

■ BEFORE RETURNING THE RECEIVER (Fire & Shock Hazard)

Before returning the receiver to the user, perform the following safety checks:

3. Inspect all lead dress to make certain that leads are not pinched, and check that hardware is not lodged between the chassis and other metal parts in the receiver.
4. Inspect all protective devices such as non-metallic control knobs, insulation materials, cabinet backs, adjustment and compartment covers or shields, isolation resistor-capacitor networks, mechanical insulators, etc.
5. To be sure that no shock hazard exists, check for leakage current in the following manner.

• Plug the AC cord directly into a 220~240 volt AC outlet.

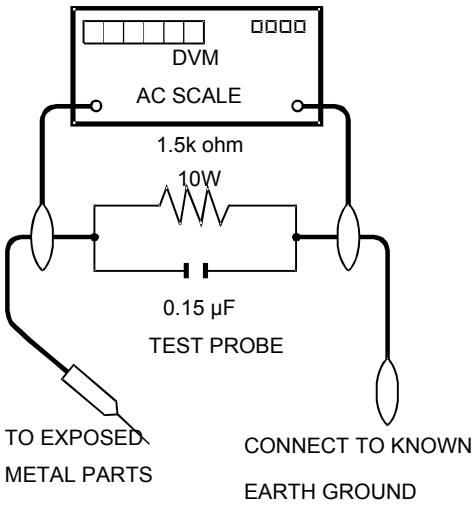
• Using two clip leads, connect a 1.5k ohm, 10 watt resistor paralleled by a 0.15μF capacitor in series with all exposed metal cabinet parts and a known earth ground, such as electrical conduit or electrical ground connected to an earth ground.

• Use an AC voltmeter having with 5000 ohm per volt, or higher, sensitivity or measure the AC voltage drop across the resistor.

• Connect the resistor connection to all exposed metal parts having a return to the chassis (antenna, metal cabinet, screw heads, knobs and control shafts, escutcheon, etc.) and measure the AC voltage drop across the resistor.

All checks must be repeated with the AC cord plug connection reversed. (If necessary, a nonpolarized adaptor plug must be used only for the purpose of completing these checks.)

Any reading of 1.05 V peak (this corresponds to 0.7 mA peak AC.) or more is excessive and indicates a potential shock hazard which must be corrected before returning the monitor to the owner.



SAFETY NOTICE

Many electrical and mechanical parts in LCD color television have special safety-related characteristics.

These characteristics are often not evident from visual inspection, nor

can protection afforded by them be necessarily increased by using replacement components rated for higher voltage, wattage, etc.

Replacement parts which have these special safety characteristics are identified in this manual; electrical components having such features are identified by "⚠" and shaded areas in the Replacement Parts List and Schematic Diagrams.

For continued protection, replacement parts must be identical to those used in the original circuit.

The use of a substitute replacement parts which do not have the same safety characteristics as the factory recommended replacement parts shown in this service manual, may create shock, fire or other hazards.

Precautions for using lead-free solder

Using lead-free wire solder

- When fixing the PWB soldered with the lead-free solder, apply lead-free wire solder. Repairing with conventional lead wire solder may cause damage or accident due to cracks.
  As the melting point of lead-free solder (Sn-Ag-Cu) is higher than the lead wire solder by 40 °C, we recommend you to use a dedicated soldering bit, if you are not familiar with how to obtain lead-free wire solder or soldering bit, contact our service station or service branch in your area.

Soldering

- As the melting point of lead-free solder (Sn-Ag-Cu) is about 220 °C which is higher than the conventional lead solder by 40 °C, and as it has poor solder wettability, you may be apt to keep the soldering bit in contact with the PWB for extended period of time. However, Since the land may be peeled off or the maximum heat-resistance temperature of parts may be exceeded, remove the bit from the PWB as soon as you confirm the steady soldering condition.
  Lead-free solder contains more tin, and the end of the soldering bit may be easily corroded. Make sure to turn on and off the power of the bit as required.
  If a different type of solder stays on the tip of the soldering bit, it is alloyed with lead-free solder. Clean the bit after every use of it.
  When the tip of the soldering bit is blackened during use, file it with steel wool or fine sandpaper.

- Be careful when replacing parts with polarity indication on the PWB silk.

CHAPTER 1. OPERATION MANUAL

[1] SPECIFICATIONS

Specification

Item			19" LCD COLOUR TV, Model: LC-19LE320E	22" LCD COLOUR TV, Model: LC-22LE320E	26" LCD COLOUR TV, Model: LC-26LE320E
LCD screen size			19" diagonal	22" diagonal	26" diagonal
Number of dots			3,147,264 dots (1366 × 768 × 3 dots)	6,220,800 dots (1920 × 1080 × 3 dots)	3,147,264 dots (1366 × 768 × 3 dots)
Video Colour System			PAL/SECAM/NTSC 3.58/NTSC 4.43/PAL 60		
TV Function	TV-Standard	Analogue	CCIR (B/G, I, D/K, L/L')		
		Digital	DVB-T (2K/8K OFDM), DVB-C		
	Receiving Channel	VHF/UHF	ATV : IRA-E69, DVB-T : E5-E69		
		CATV	S-band, S1–S41ch		
	TV-Tuning System		Auto Preset 999 ch, Auto Label, Auto Sort		
	STEREO/BILINGUAL		NICAM/A2		
Audio amplifier			3W × 2	3W × 2	5W × 2
Speaker			30 (H) × 117 (W) × 23 (D) mm	30 (H) × 117 (W) × 23 (D) mm	38 (H) × 164 (W) × 23 (D) mm
Rear	Antenna		UHF/VHF 75Ω		
	RS-232C		D-sub 9 pin male connector		
	SCART		SCART (AV input, Y/C input, RGB input, TV output)		
	PC IN		D-sub 15 pin (AV input), Ø 3.5mm jack (Audio input)		
	Component		Y/Pb(Cb)/Pr(Cr), RCA pin (L/R)		
	SPDIF OUT		Digital audio output		
	AV OUT		RCA pin (AV output)		
	HDMI 1		Digital video and audio input		
Side	C. I. (Common Interface)		EN50221, R206001, CI Plus specification		
	AV IN		RCA pin (AV input)		
	USB		Software update, multi-media play		
	Headphones		Ø 3.5mm jack (Audio output)		
	HDMI 2		Digital video and audio input		
OSD language			English, German, French, Italian, Dutch, Spanish, Greek, Portuguese, Swedish, Finnish, Russian, Polish, Turkish, Hungarian, Czech, Slovak, Danish, Norwegian, Estonian, Latvian, Lithuanian, Slovenian, Bulgarian, Croatian, Romanian, Serbian, Ukrainian, Gaelic, Belarussian.		
Power Requirement			AC 220–240 V, 50 Hz		
Power Consumption			20W (Standby < 0.3W) (Method IEC62087)	30W (Standby < 0.3W) (Method IEC62087)	45W (Standby < 0.3W) (Method IEC62087)
Weight			3.3kg (Without stand), 3.7kg (With stand)	4.0kg (Without stand), 4.5kg (With stand)	5.7kg (Without stand), 6.8kg (With stand)
Operating temperature			0°C to + 40°C		

- As a part of policy of continuous improvement, SHARP reserves the right to make design and specification changes for product improvement without prior notice. The performance specification figures indicated are nominal values of production units. There may be some deviations from these values in individual units.

NOTE

- Refer to the inside back cover for dimensional drawings.
- Audio cannot be output through the HDMI terminal.

Item			**32" LCD COLOUR TV, Model: LC-32LE320E**	**37" LCD COLOUR TV, Model: LC-37LE320E**	**42" LCD COLOUR TV, Model: LC-42LE320E**
LCD screen size			32" diagonal	37" diagonal	42" diagonal
Number of dots			6,220,800 dots (1920 × 1080 × 3 dots)	6,220,800 dots (1920 × 1080 × 3 dots)	6,220,800 dots (1920 × 1080 × 3 dots)
Video Colour System			PAL/SECAM/NTSC 3.58/NTSC 4.43/PAL 60		
TV Function	TV-Standard	Analogue	CCIR (B/G, I, D/K, L/L')		
		Digital	DVB-T (2K/8K OFDM), DVB-C		
	Receiving Channel	VHF/UHF	ATV : IRA-E69, DVB-T : E5-E69		
		CATV	S-band, S1–S41ch		
	TV-Tuning System		Auto Preset 999 ch, Auto Label, Auto Sort		
	STEREO/BILINGUAL		NICAM/A2		
Audio amplifier			10W × 2	10W × 2	10W × 2
Speaker			30 (H) × 164 (W) × 32 (D) mm	30 (H) × 164 (W) × 32 (D) mm	30 (H) × 164 (W) × 32 (D) mm
Rear	Antenna		UHF/VHF 75Ω		
	SCART 1		SCART (AV input, Y/C input, RGB input, TV output)		
	SCART 2		SCART (AV input, Y/C input, monitor output [analogue source - ATV, SCART 1, SIDE AV; digital source - DTV])		
	PC IN		D-sub 15 pin (AV input), Ø 3.5mm jack (Audio input)		
	Component		Y/Pb(Cb)/Pr(Cr), RCA pin (L/R)		
	SPDIF OUT		Digital audio output		
	AUDIO OUT		RCA pin (L/R)		
	HDMI 1		Digital video and audio input		
	HDMI 2		Digital video and audio input		
Side	RS-232C		D-sub 9 pin male connector		
	C. I. (Common Interface)		EN50221, R206001, CI Plus specification		
	AV IN		RCA pin (AV input)		
	USB		Software update, multi-media play		
	Headphones		Ø 3.5mm jack (Audio output)		
	HDMI 3		Digital video and audio input		
OSD language			English, German, French, Italian, Dutch, Spanish, Greek, Portuguese, Swedish, Finnish, Russian, Polish, Turkish, Hungarian, Czech, Slovak, Danish, Norwegian, Estonian, Latvian, Lithuanian, Slovenian, Bulgarian, Croatian, Romanian, Serbian, Ukrainian, Gaelic,Belarussian.		
Power Requirement			AC 220–240 V, 50 Hz		
Power Consumption			90W (Standby < 0.3W) (Method IEC62087)	95W (Standby < 0.3W) (Method IEC62087)	115W (Standby < 0.3W) (Method IEC62087)
Weight			8.8 kg (Without stand), 10.1 kg (With stand)	11.1 kg (Without stand), 13.1 kg (With stand)	14.1 kg (Without stand), 16.2 kg (With stand)
Operating temperature			0°C to + 40°C		

- As a part of policy of continuous improvement, SHARP reserves the right to make design and specification changes for product improvement without prior notice. The performance specification figures indicated are nominal values of production units. There may be some deviations from these values in individual units.

NOTE

- Refer to the inside back cover for dimensional drawings.
- Audio cannot be output through the HDMI terminal.

[2] OPERATION MANUAL

Remote control unit

(POWER)

Press to turn the LCD TV on or enter standby mode.

(INPUT SOURCE)

Select an input source.

0-9 DIGIT BUTTONS

To select a TV channel directly.

EPG

Press this button to display electronic programme guide when watching digital channels.

PRE PR

To display the previous selected TV channel.

DTV/ATV

Press this button to switch between ATV and DTV channels.

PR LIST

Press to display a list of channels. Then press **Red button** to select the digital or analogue channel list.(Only available when your input source is TV).

ECO

Press this button to set the picture with less brightness for saving energy.

Display programme information, if available.

(+/-)

Press to adjust the volume.

Press to toggle audio on and off. You can also press **(+/-)** to restore the previous volume level.

(Picture format)

Select picture format to **Auto** /**Normal** / **Zoom 1**/ **Zoom 2** /**Wide.**

P (∧/∨)

Press to select the channel.

DUAL

Select **MONO** / **STEREO** / **DUAL 1** / **DUAL 2** for ATV channel. Select Audio language for DTV channel.

AUDIO (ADJ)

Press to set the LCD TV to a predefined sound setting.

Personal / Music / Speech

VIDEO (ADJ)

Press to set the LCD TV to a predefined picture setting.

Personal / Standard / Vivid / Movie / Eco

SLEEP

Press to turn the LCD TV off within an amount of time. (10 ~ 120 minutes.)

∧∨<>

Press ooeptt to navigate and confirm your selection.

OK

Press to activate a setting.

MENU

Press to activate the LCD TV OSD.

EXIT

Press to exit the LCD TV OSD or return to the previous layer.

R/G/Y/B (COLOUR BUTTON)

Press buttons to select the pictures with various colours of text. Different channels display different functions.

TELETEXT

Press this button to activate Teletext. Press again to activate Teletext with TV.

Press again to turn off Teletext.

SUBTITLE

For DTV, press this button to toggle off / between available subtitle languages.

For ATV, press this button to toggle off / between available subtitle pages in Teletext.

SIZE

Press this button to change the font size: Full screen, Top half and Bottom half.

SUBPAGE

To select the subpage when the current page contains subpage(s).

INDEX

Press this button to return to page 100 or the index page; and then press 0 to 9. The teletext page will be numbered and added to the page you select or the secondary item.

HOLD

Press this button to stop the scrolling of pages. The text decoder stops receiving data.

REVEAL

Reveal hidden information such as answers to a quiz.

FREEZE

Press to freeze a moving image on the screen. (Only available when your input source is TV). Scart output signal will also be frozen when you are watching digital channels.

In USB mode:

(You need to programme the setting with remote control to control connected devices.)

Press to skip back to the previous title or track.

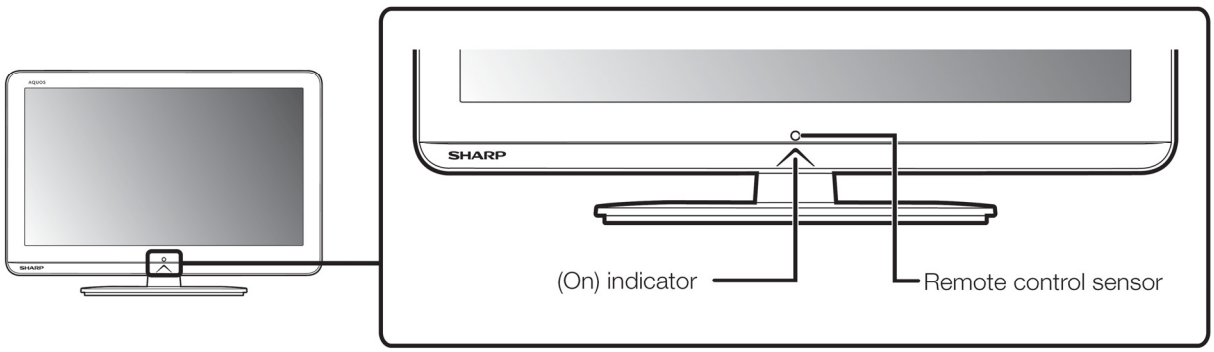
Press to stop playback.

▶ / ❚❚

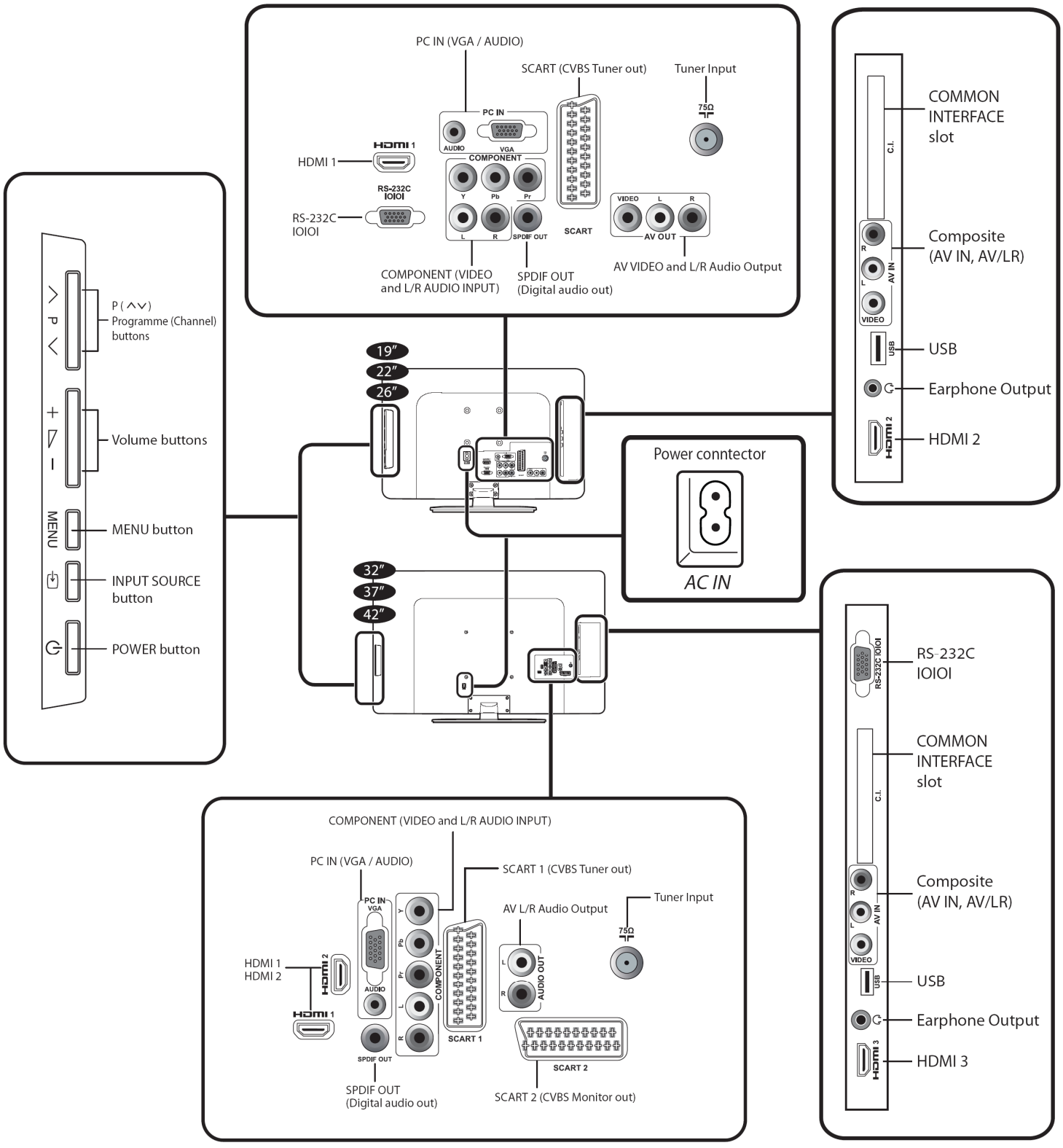
Press to start/pause playback. Caution: Do not freeze the video image for long periods of time. You may damage the TV screen.

Press to skip forward to the next title or track.

TV (Front view)

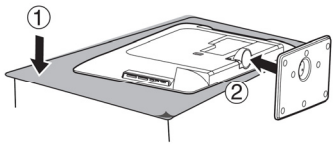


TV (Rear view)



Preparation

Attaching/Detaching the Stand



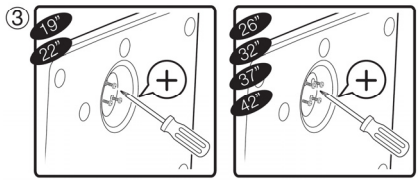
• Before attaching (or detaching) the stand, unplug the AC cord from the AC INPUT terminal.

• Before performing work spread cushioning over the base area to lay the TV on. This will prevent it from Being damaged.

CAUTION:

• Attach the stand in the correct direction.

• Be sure to follow the instructions. Incorrect installation of the stand may result in the TV falling over.



1. Put the TV face down on a safe surface that is covered by a soft and smooth cloth.

2. Adjust the TV stand to the bottom of the TV.

3. Fasten the screws by using a cross-head screwdriver(Not supplied).

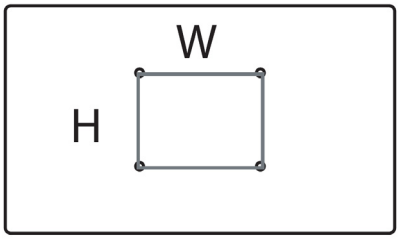
CAUTION:

• Do not push to hard or put excessive pressure to the stand neck to avoid the damages when you turn the TV for the most comfortable viewing angle.

NOTE:

To detach the TV stand, perform the steps in reverse order.

Wall mounting

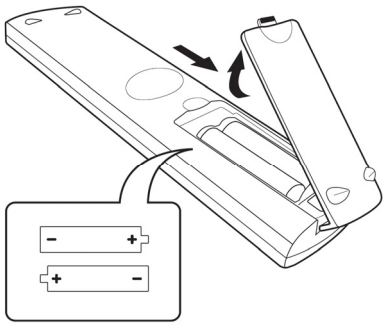


TV screen size(Inches)	VESAcompatible wall bracket(millimeters) (W x H)	Screw type
19”	75 x 75 mm	Metric 4 x 10 mm
22”	75 x 75 mm	Metric 4 x 10 mm
26”	75 x 75 mm	Metric 4 x 10 mm
32”	200 x 100 mm	Metric 6 x 10 mm
37”	200 x 200 mm	Metric 6 x 10 mm
42”	200 x 200 mm	Metric 6 x 10 mm

NOTE

• At the time of purchasing wall bracket, please check if there is enough space between the wall bracket and TV terminals for the terminal connection.

Installing Batteries in the Remote Control Unit



1. Insert two AAA batteries into Remote control. Make sure (+) and (−) are facing the proper direction.
2. Replace the cover

NOTE

• If the remote control will not to be used for a long time, remove the batteries to avoid remote control damage.

CAUTION:

Improper use of batteries can result in chemical leakage or explosion. Be sure to follow the instructions below.

• Do not mix batteries of different types. Different types of batteries have different characteristics.

• Do not mix old and new batteries. Mixing old and new batteries can shorten the life of new batteries or cause chemical leakage in old batteries.

• Remove batteries as soon as they are worn out. Chemicals that leak from batteries come in contact with skin can cause a rash. If you find any chemical leakage, wipe thoroughly with a cloth.

• The batteries supplied with this product may have a shorter life expectancy due to storage conditions.

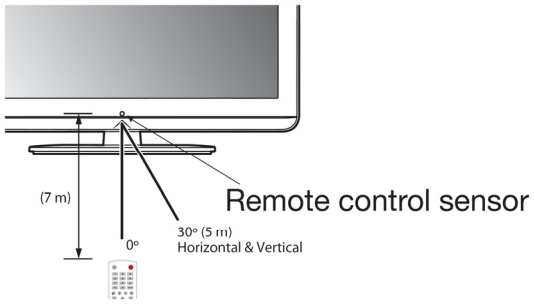
- If you will not be using the remote control unit for an extended period of time, remove batteries from it.

Note on disposing batteries:

The batteries provided contain no harmful materials such as cadmium, lead or mercury. Regulations concerning used batteries stipulate that batteries may no longer be thrown out with the household rubbish. Deposit any used batteries free of charge into the designated collection containers set up at commercial businesses.

Installing Batteries in the Remote Control Unit

Use the remote control unit by pointing it towards the remote control sensor. Objects between the remote control unit and sensor may prevent proper operation.



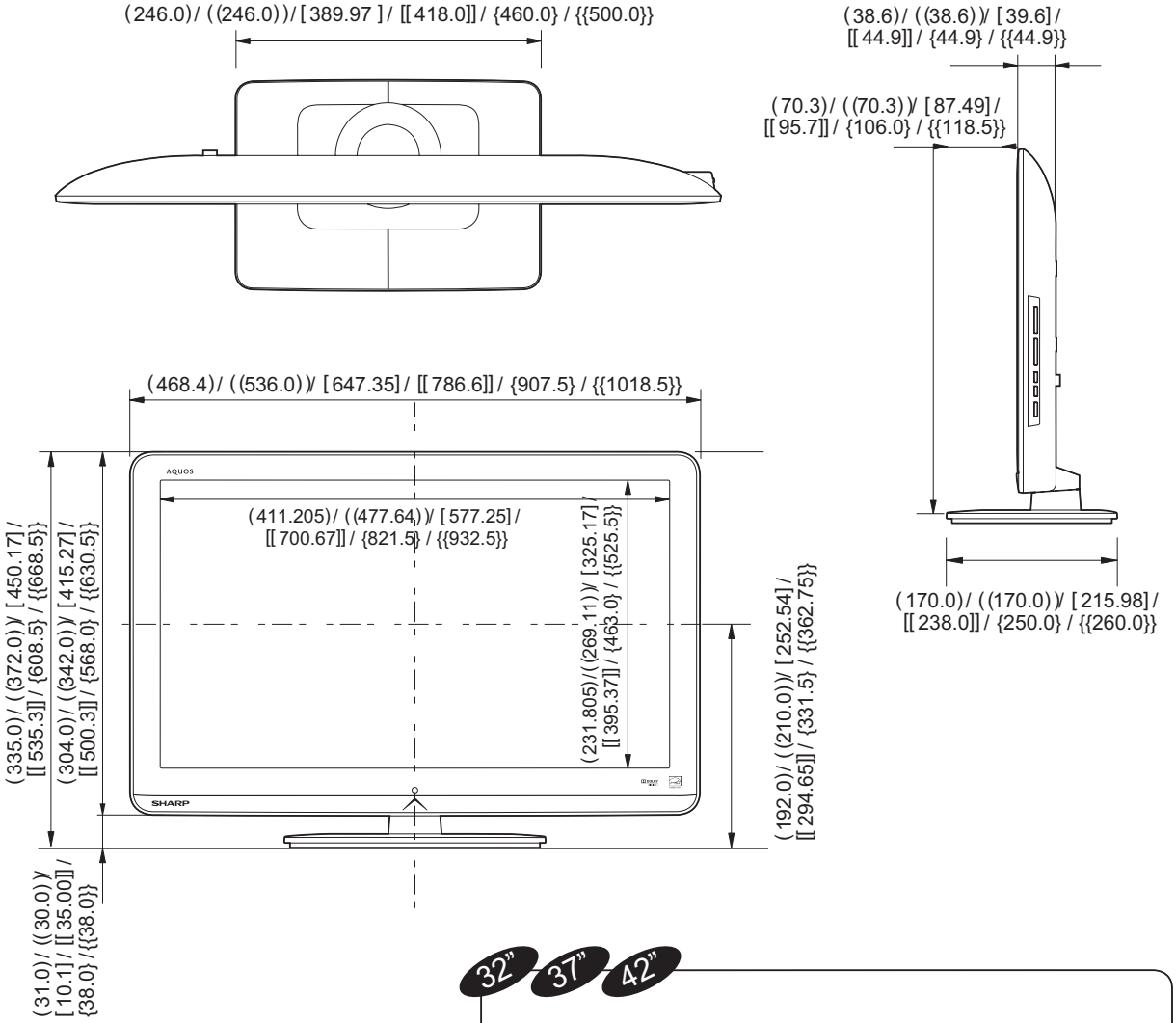
Appendix

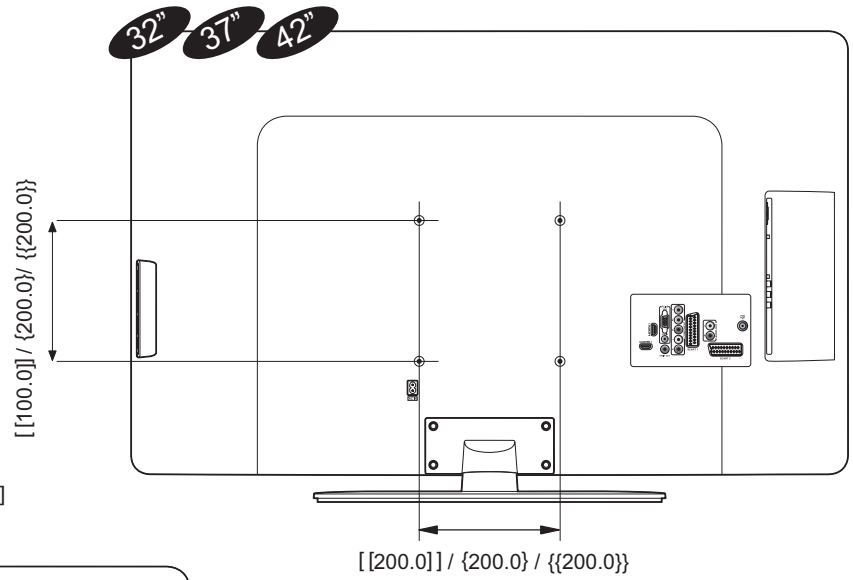
troubleshooting

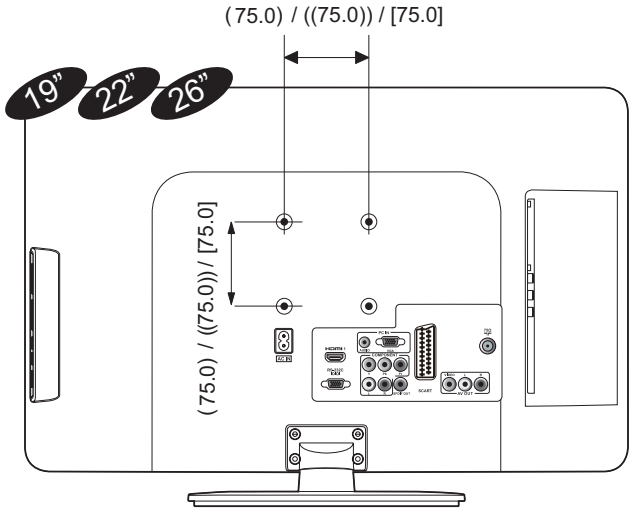
problem	possible Solution
No picture	1. Connect power cord correctly. 2. Turn on power. 3. Connect signal cable correctly. 4. Press any button on the LCD TV.
Abnormal colours	Connect signal cable correctly.
Twisted picture	1. Connect signal cable correctly. 2. Please use compatible signal.
Picture too dark	Adjust brightness and contrast.
Audio only, no images	1. Please check if input signal is connected correctly. 2. TV-RF signal must not be lower than 50dB.
Picture only, no audio	1. Connect signal cable correctly. 2. Adjust volume to proper level. 3. Connect audio signal cable correctly. 4. TV-RF signal must not be lower than 50dB.
Cannot use remote control	1. Please change battery. 2. Turn off power for 10 seconds; and then restart power.
Cannot receive sufficient channels through antenna	Please use the Channel Scan function to increase the number of channels not included in memory.
No colour	Please adjust the colour setup.
Blinking picture accompanied by ghost image	1. Check the connection of antenna/signal cable. 2. Check if channel is in play mode. 3. Press signal source and change input mode.
Broken lines or segments	Adjust antenna. Keep the TV away from noise sources, such as automobiles, neon lights, and hair dryers.
Certain TV channels are blocked(Hope to acquire some channels)	Please use the Update Scan method to add the channels not included in memory.
Overlapping images or ghost images	Please use multi-directional outdoor antenna.(If your TV is subject to the influence of nearby mountains or buildings).
Cannot use a function	If the item you choose turns gray, that item cannot be selected.
Cannot receive programmes	Please use the Update Scan method to add the channels not included in memory.

[3] DIMENSIONS

Dimension







( ): 19"

(( )): 22"

[ ]: 26"

[[ ]]: 32"

{ } : 37"

{{ }} : 42"

CHAPTER 2. REMOVING OF MAJOR PARTS

[1] REMOVING OF MAJOR PARTS(LC-19LE320)

1. Assy/Panel Removal

Notes: Please put your machine on soft material to avoid to scrape panel when you disassemble it.

Front view

Fig.1

Back view

Fig.2

Step 1. Remove the Base Assy and Base neck.

1. Remove the Base Assy as Fig.3.

Remove the 3 screws as Fig.3 and pull out the base as Fig.4

Fig.3

Fig.4

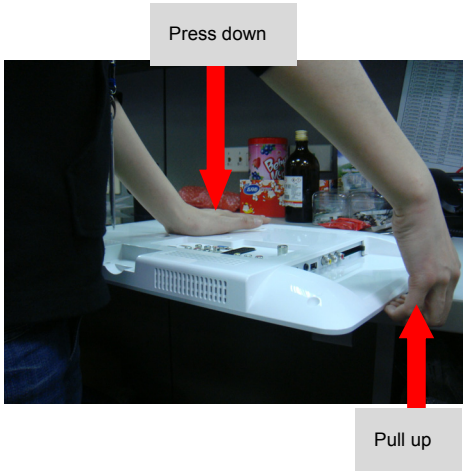
2. Remove the 4 screws. Detach the Base neck as Fig.4.

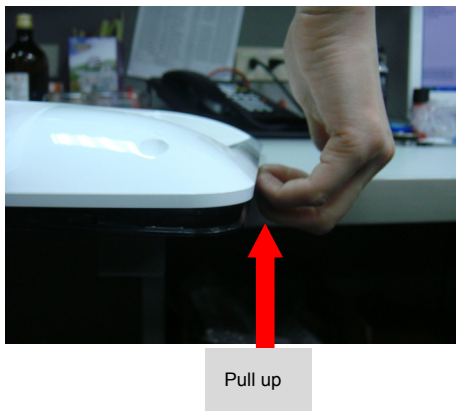
Step 2. Remove the REAR COVER Assy.

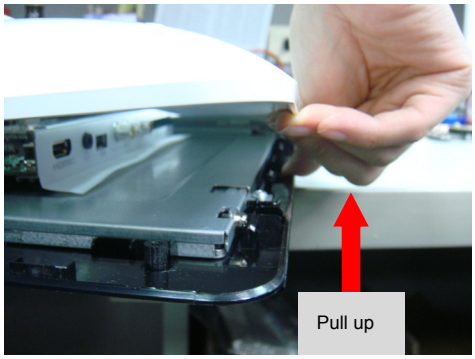
1. Remove the 7 screws. Detach the REAR COVER as Fig.5.

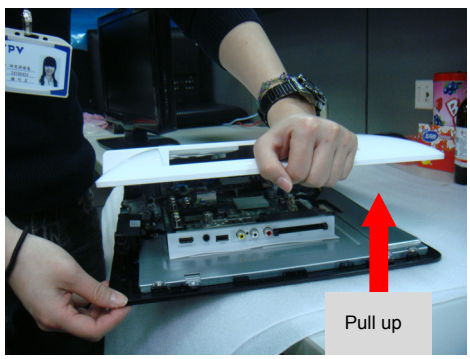
Fig.5

Note: How to easy remove rear cabinet









Step 3. Remove the Main, Power, Convert board and the Speakers.

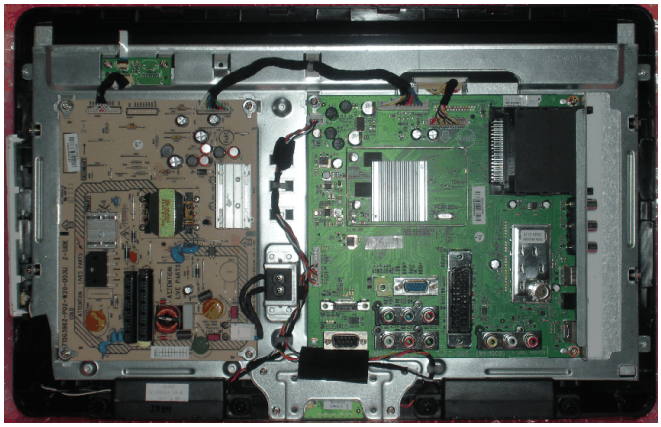


Fig.6

1. Remove the 5 screws and disconnect 3 cables except the LVDS cable, the move the main board out from the side I/O BKT, then move down the main board a little, now disconnect the LVDS from the panel firstly, then disconnect the LVDS from the main board. Detach the Main board as Fig.7 and Fig.8.

Note: Please disconnect the LVDS cable from the panel firstly, then disconnect the LVDS from the main board.

If you disconnect the LVDS cable with the Main board firstly, maybe the panel connector will be damaged because of the short LVDS cable.

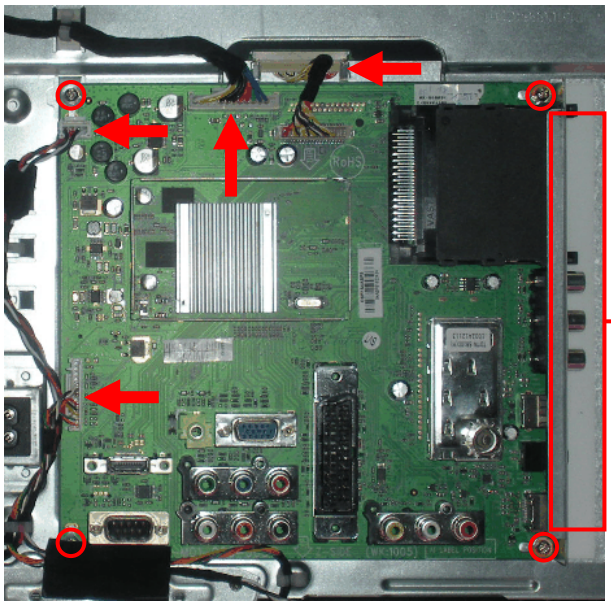


Fig.7

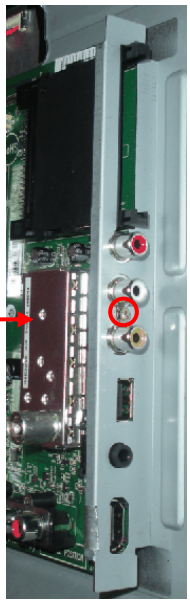


Fig.8

2. Remove the 4 screws and disconnect 2 cables. Detach the Power board as Fig.9.

Note: Move the AC port left from the Main frame assy, then disconnect the AC cable from the power board.

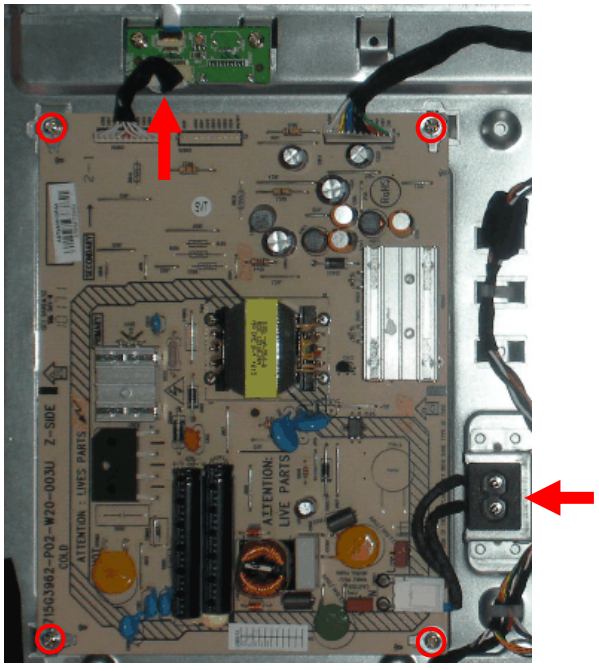


Fig.9

3. Remove the 2 screws and disconnect 1 cables. Detach the Convert board as Fig.10.

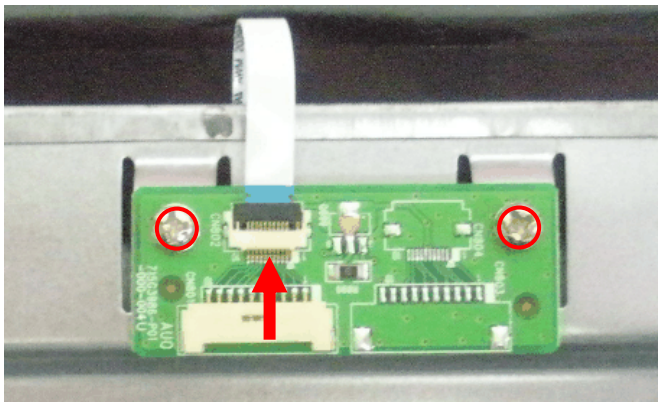


Fig.10

4. Release the speaker cable from its clamp, pull up and remove the speaker as Fig.11.

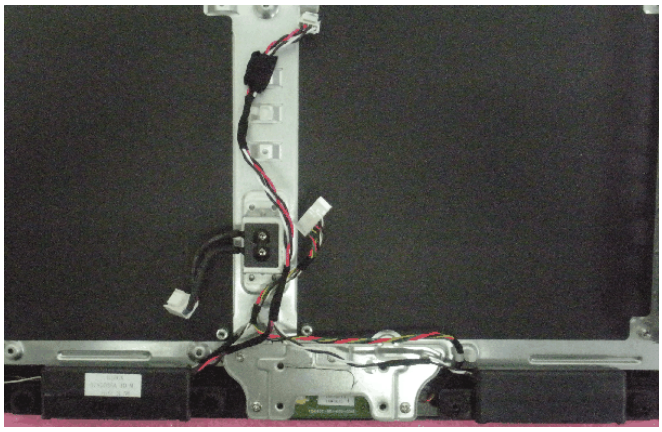


Fig.11

Step 4. Remove the Bracket and Bezel.

1. Remove the 9 screws. Detach the Bracket and panel as Fig.12.

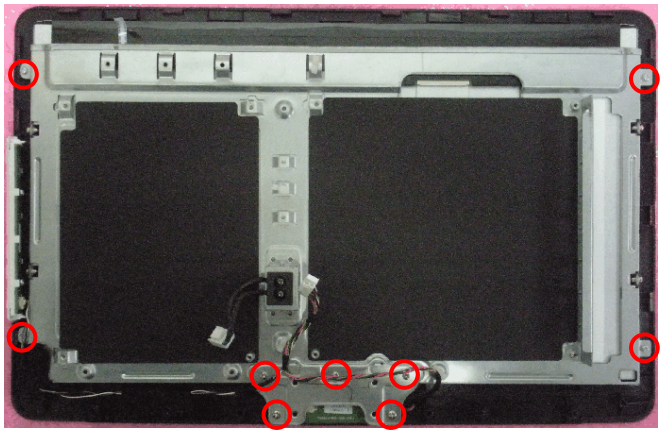


Fig.12

2. Remove the 4 screws. Detach the Main frame as Fig.13. Disconnect the one FFC cable from the panel as Fig.14

Fig.13

Fig.14

Panel:

Fig.15

Step 5. Remove the IR and Key board.

1. Remove the 2 screws and disconnect 2 cables. Detach the IR board as Fig.16.

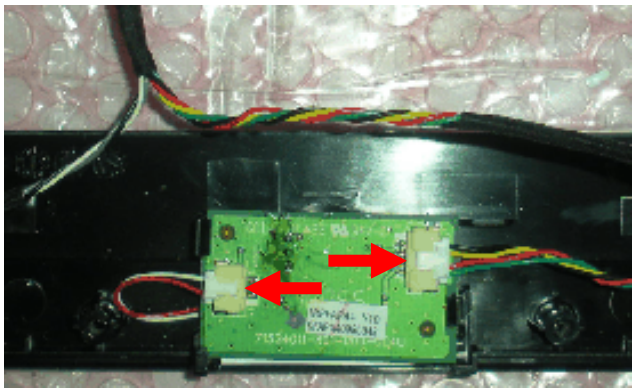


Fig.16

2. Disconnect 1 cable. Detach the Key board as Fig.17.

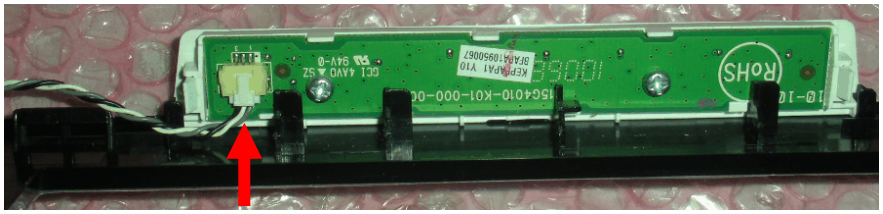


Fig.17

2. Set Re-assembly

To re-assemble the whole set, execute all processes in reverse order.

Notes:

a. While re-assembling, make sure that all cables are placed and connected in their original position.

b. Pay special attention not to damage the EMC foams at the SSB shielding. Check that EMC foams are put correctly on their places.

REMOVING OF MAJOR PARTS(LC-22LE320)

1. Assy/Panel Removal

Notes: Please put your machine on soft material to avoid to scrape panel when you disassemble it.

Front view

Fig.1

Back view

Fig.2

Step 1. Remove the Base Assy and Base neck.

1. Remove the Base Assy as Fig.3.

Remove the 3 screws as Fig.3 and pull out the base as Fig.4

Fig.3

Fig.4

2. Remove the 4 screws. Detach the Base neck as Fig.4.

Step 2. Remove the REAR COVER Assy.

1. Remove the 7 screws. Detach the REAR COVER as Fig.5.

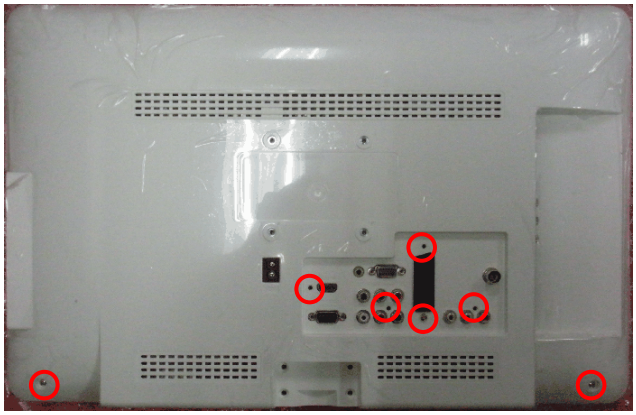
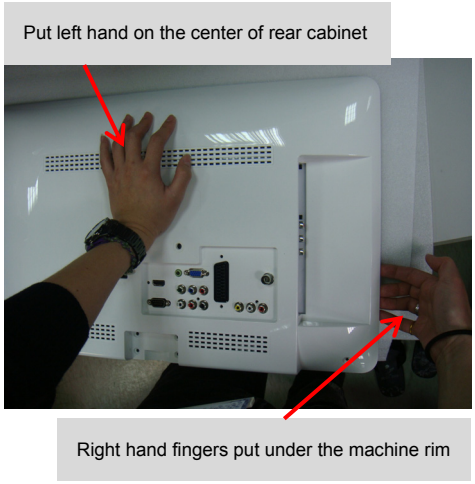
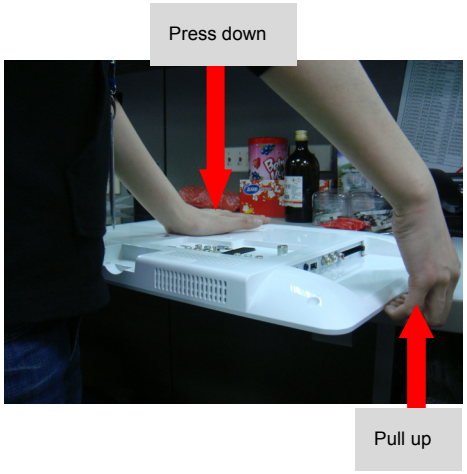
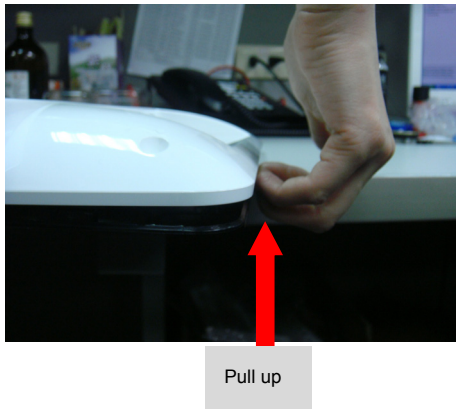


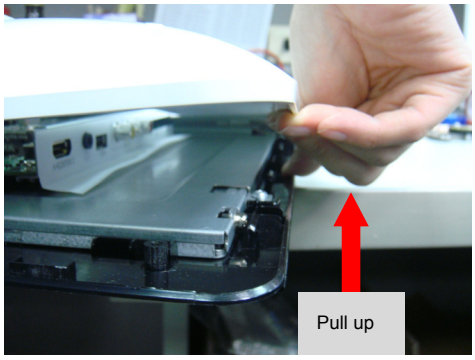
Fig.5

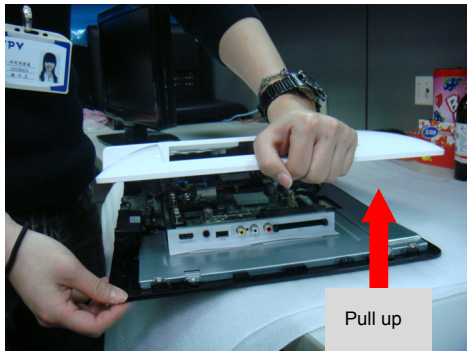
Note: How to easy remove rear cabinet











Step 3. Remove the Main, Power, Convert board and the Speakers.

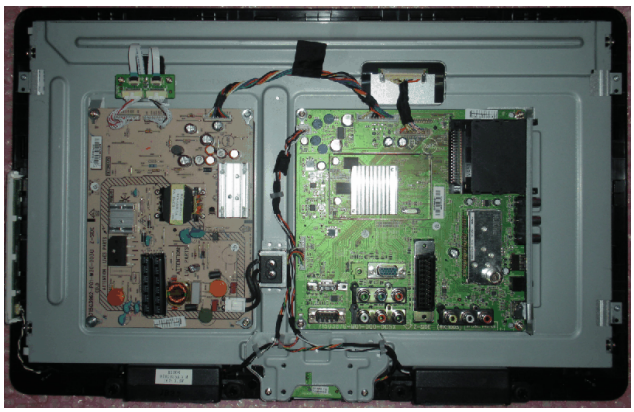


Fig.6

1. Remove the 5 screws and disconnect 4 cables. Detach the Main board as Fig.7 and Fig.8.

Note: Please disconnect the LVDS cable from the panel firstly, then disconnect the LVDS from the main board.

If you disconnect the LVDS cable with the Main board firstly, maybe the panel connector will be damaged because of the short LVDS cable.

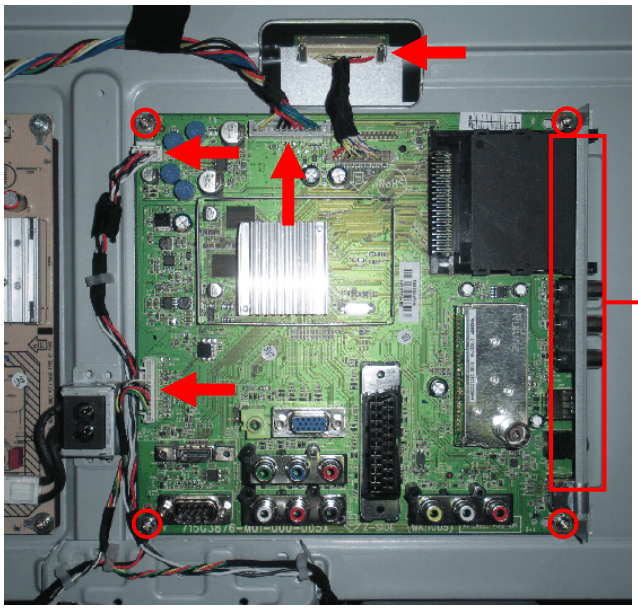


Fig.7

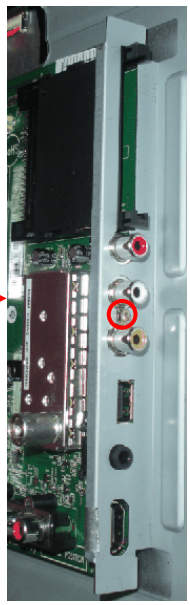


Fig.8

2. Remove the 4 screws and disconnect 3 cables. Detach the Power board as Fig.9.

Note: Move the AC port left from the Main frame assy, then disconnect the AC cable from the power board.

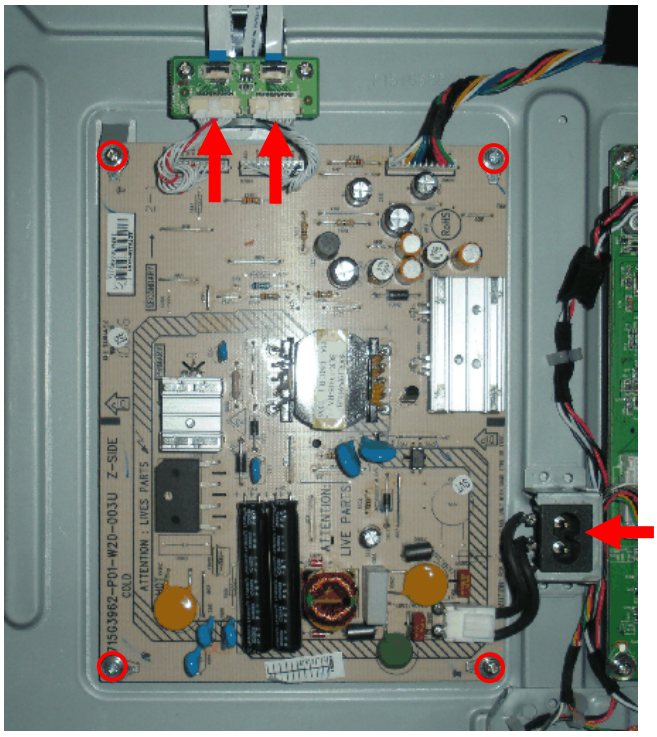


Fig.9

3. Remove the 2 screws and disconnect 2 cables. Detach the Convert board as Fig.10.

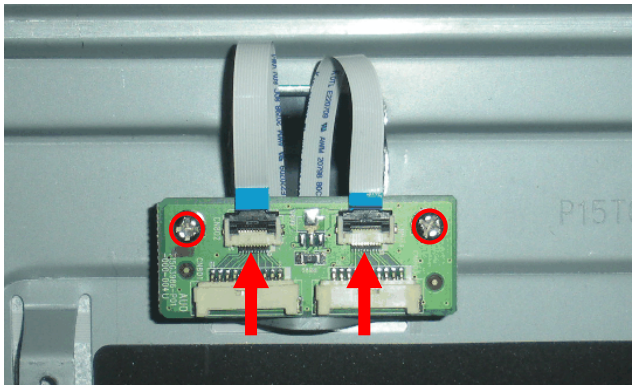


Fig.10

4. Release the speaker cable from its clamp, pull up and remove the speaker as Fig.11.

Fig.11

Step 4. Remove the Bracket and Bezel.

1. Remove the 5 screws. Detach the Bracket and panel as Fig.12.

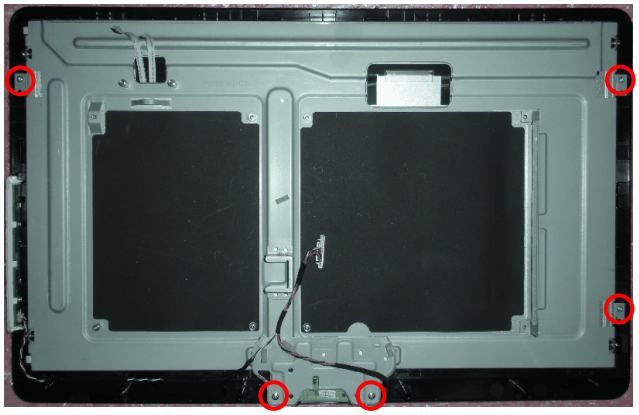


Fig.12

2. Remove the 4 screws. Detach the Main frame as Fig.13. Disconnect the two FFC cables from the panel as Fig.14

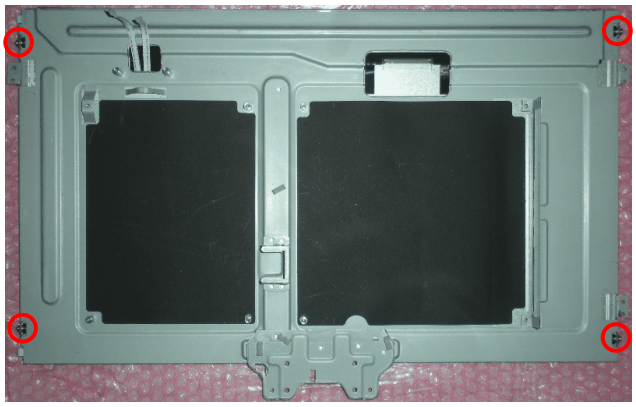


Fig.13

Fig.14

Panel:

Fig.15

Step 5. Remove the IR and Key board.

1. Remove the 2 screws and disconnect 2 cables. Detach the IR board as Fig.16.

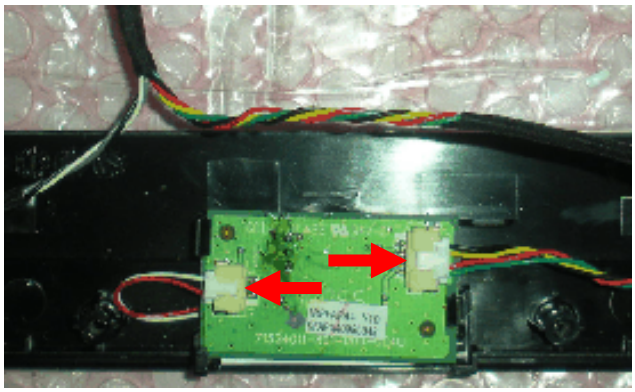


Fig.16

2. Disconnect 1 cable. Detach the Key board as Fig.17.

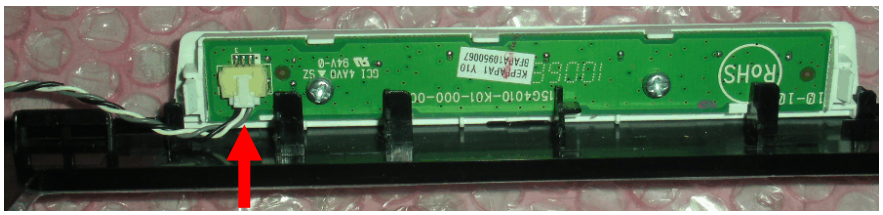


Fig.17

2. Set Re-assembly

To re-assemble the whole set, execute all processes in reverse order.

Notes:

a. While re-assembling, make sure that all cables are placed and connected in their original position.

b. Pay special attention not to damage the EMC foams at the SSB shielding. Check that EMC foams are put correctly on their places.

REMOVING OF MAJOR PARTS(LC-26LE320)

1. Assy/Panel Removal

Notes: Please put your machine on soft material to avoid to scrape panel when you disassemble it.

Front view

Fig.1

Back view

Fig.2

Step 1. Remove the Base Assy and Base neck.

1. Remove the Base Assy as Fig.3.

Remove the 4 screws as Fig.3 and pull out the base as Fig.4

Fig.3

2. Remove the 4 screws. Detach the Base neck as Fig.4.

Fig.4

Step 2. Remove the REAR COVER Assy.

1. Remove the 10 screws. Detach the REAR COVER as Fig.5.

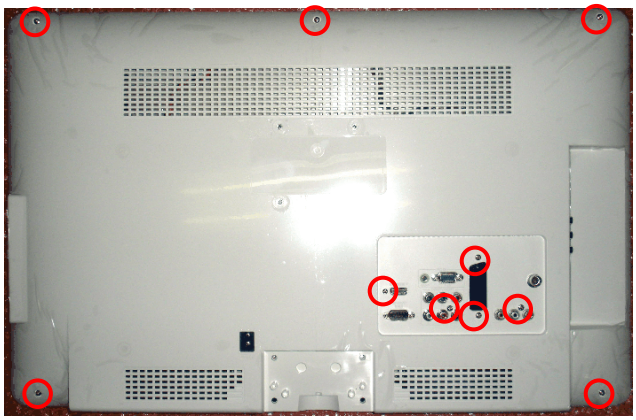
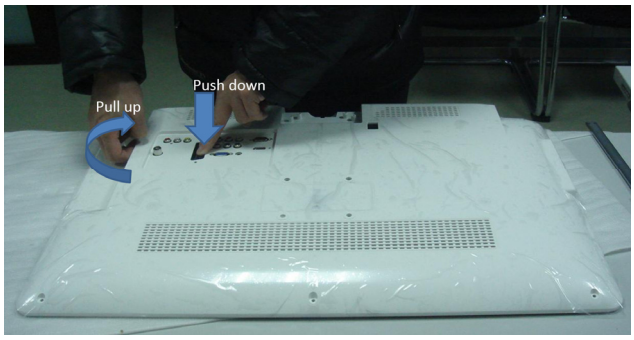
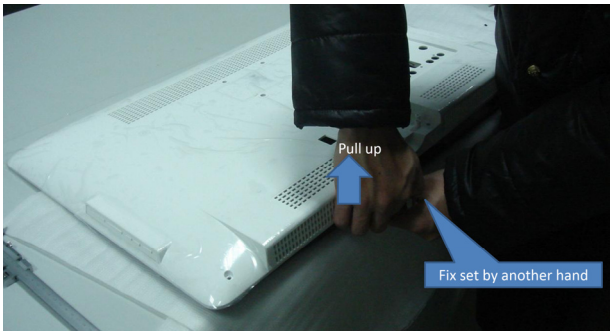


Fig.5

Note: How to easy remove rear cabinet





Step 3. Remove the Main, Power board and the Speakers.

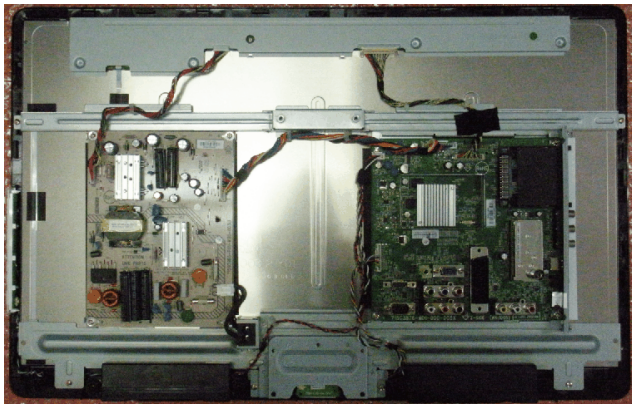


Fig.6

1. Remove the 7 screws and disconnect 4 cables. Detach the Main board as Fig.7 and Fig.8.

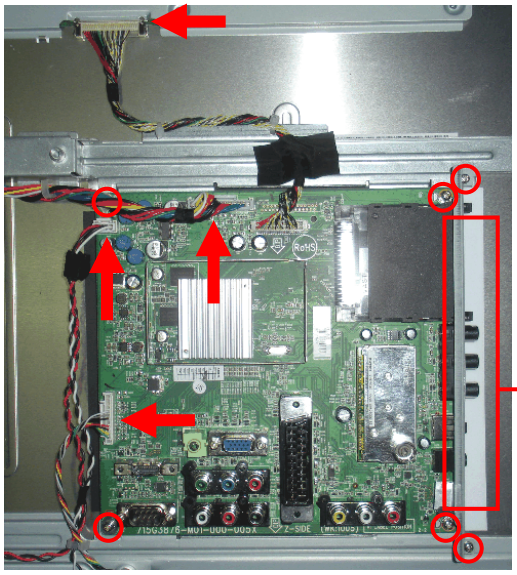


Fig.7

Fig.8

2. Remove the 4 screws and disconnect 2 cables. Detach the Power board as Fig.9.

Note: Move the AC port left from the Main frame assy, then disconnect the AC cable from the power board.

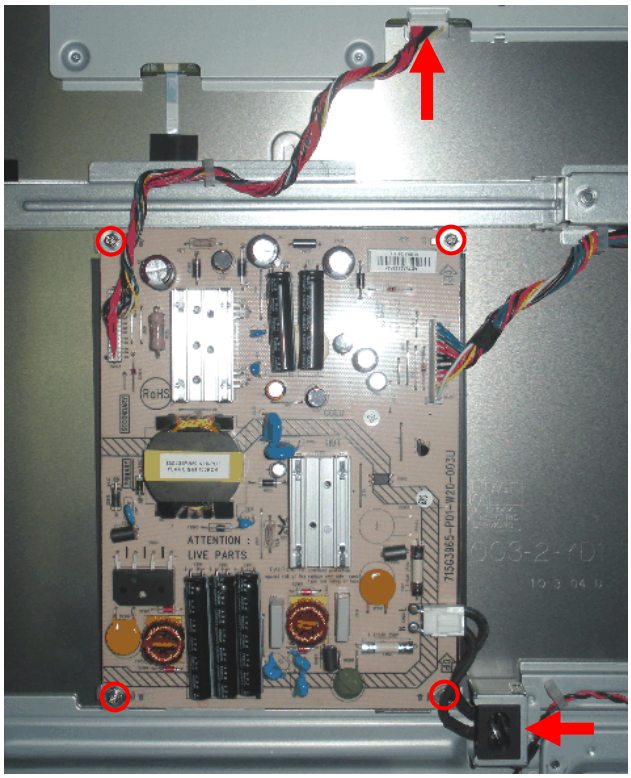


Fig.9

3. Release the speaker cable from its clamp, pull up and remove the speaker as Fig.10.

Fig.10

Step 4. Remove the Bracket and Bezel.

1. Remove the 6 screws. Detach the Bracket as Fig.11.

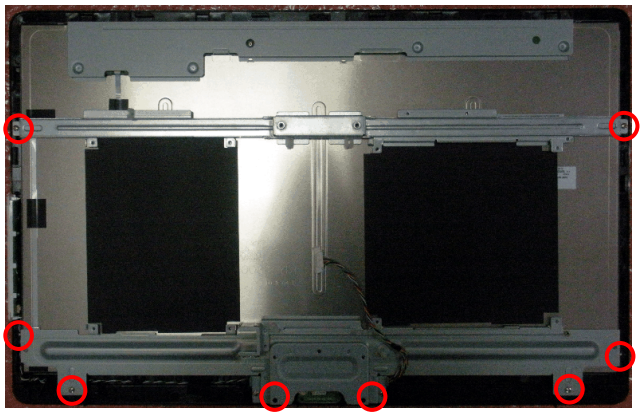


Fig.11

2. Remove the panel from the bezel as Fig.12

Panel:

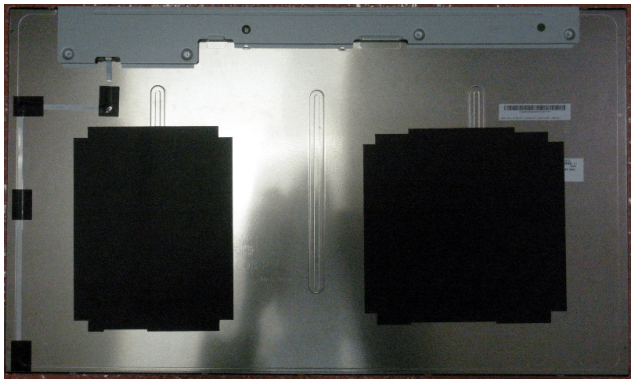


Fig.12

Step 5. Remove the IR and Key board.

1. Disconnect 2 cables, then release the clips. Detach the IR board as Fig.13.

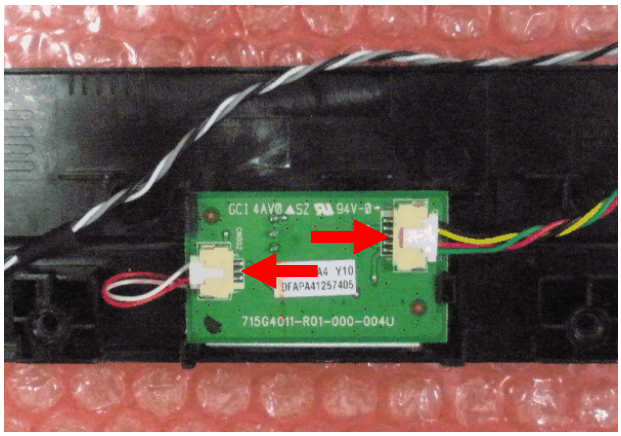


Fig.13

2. Disconnect 1 cable. Detach the Key board as Fig.17.

Fig.17

2. Set Re-assembly

To re-assemble the whole set, execute all processes in reverse order.

Notes:

a. While re-assembling, make sure that all cables are placed and connected in their original position.

b. Pay special attention not to damage the EMC foams at the SSB shielding. Check that EMC foams are put correctly on their places.

REMOVING OF MAJOR PARTS(LC-32LE320)

1. Assy/Panel Removal

Notes: Please put your machine on soft material to avoid to scrape panel when you disassemble it.

Front view

Fig.1

Back view

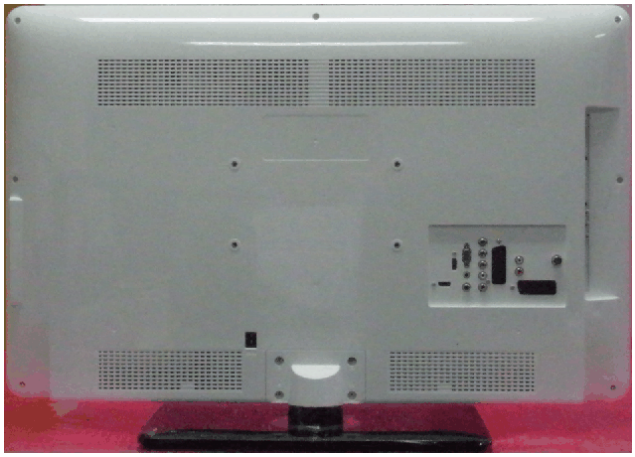


Fig.2

Step 1. Remove the Base Assy and Base neck.

1. Remove the Base Assy as Fig.3.

Remove the 4 screws as Fig.3 and pull out the base as Fig.4

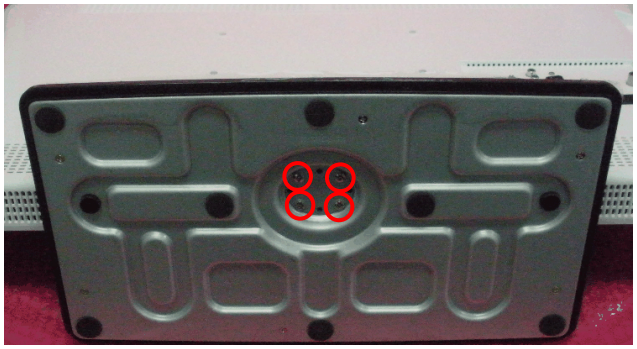


Fig.3

2. Remove the 4 screws. Detach the Base neck as Fig.4.

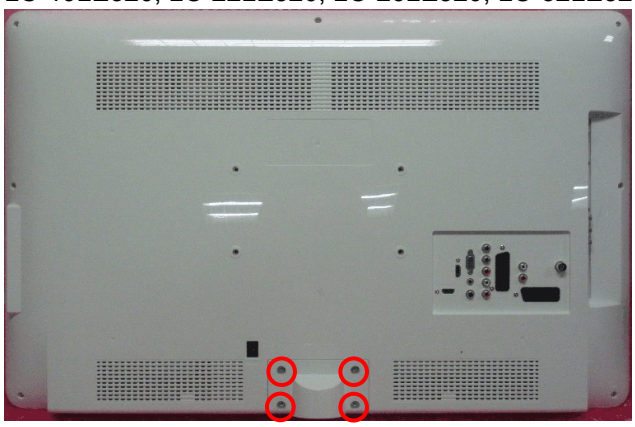


Fig.4

Step 2. Remove the REAR COVER Assy.

1. Remove the 12 screws. Detach the REAR COVER as Fig.5.

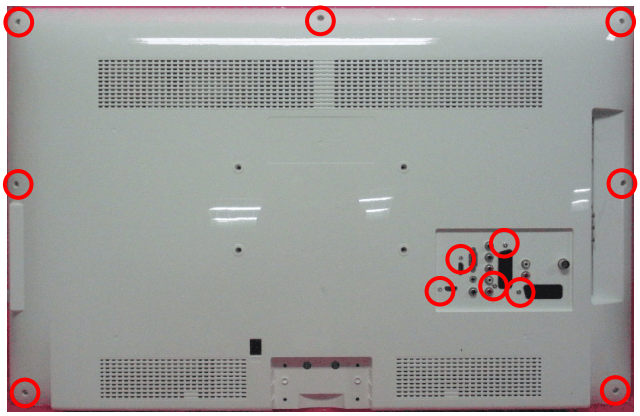


Fig.5

Step 3. Remove the Main, RS232, Power and MEMC board.

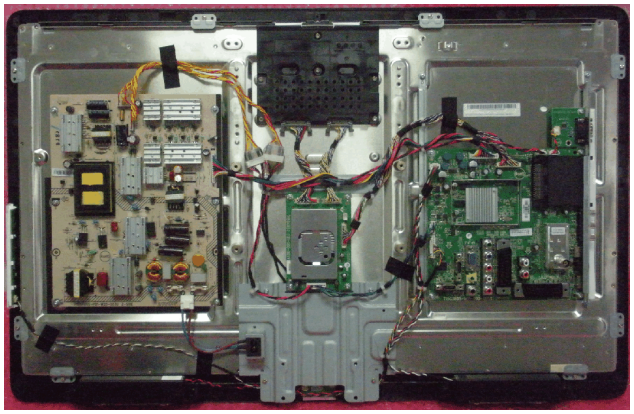


Fig.6

1. Remove the 8 screws and disconnect 8 cables. Detach the Main and RS232 boards as Fig.7 and Fig.8.

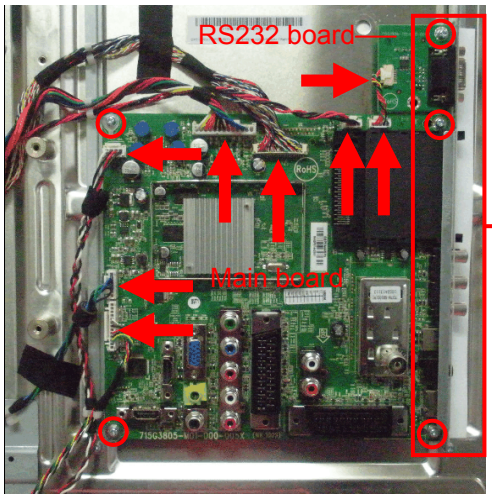


Fig.7

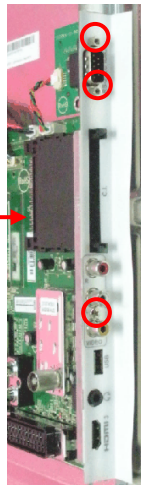


Fig.8

2. Remove the 6 screws and disconnect 3 cables. Detach the Power board as Fig.9.

Note: Move the AC port left from the Bracket, then disconnect the AC cable from the power board.

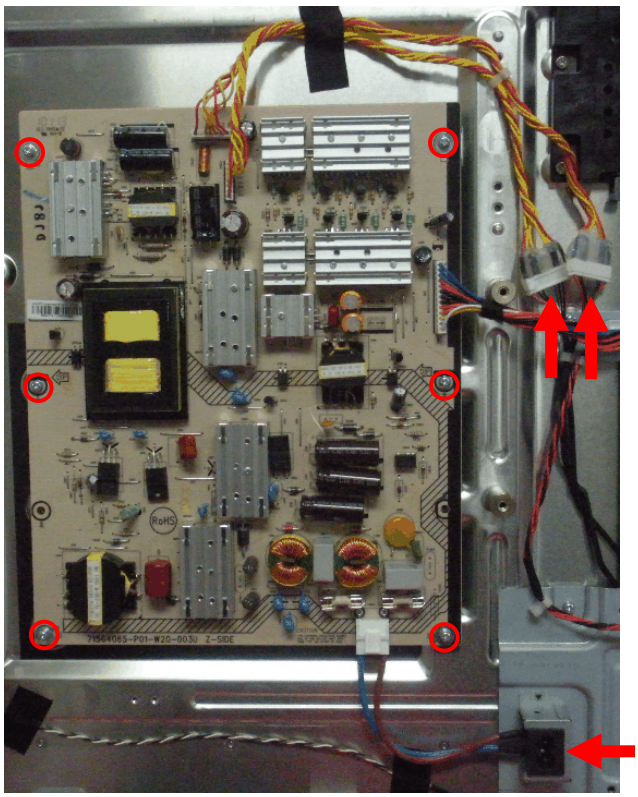


Fig.9

3. Remove the 4 screws and disconnect 4 cables. Detach the MEMC board as Fig.10.

Note: Please disconnect the LVDS cables with the panel firstly, then disconnect the LVDS with the MEMC board as Fig.11.

If you disconnect the LVDS cables with the MEMC board firstly, maybe the panel connector will be damaged because of the short LVDS cables.

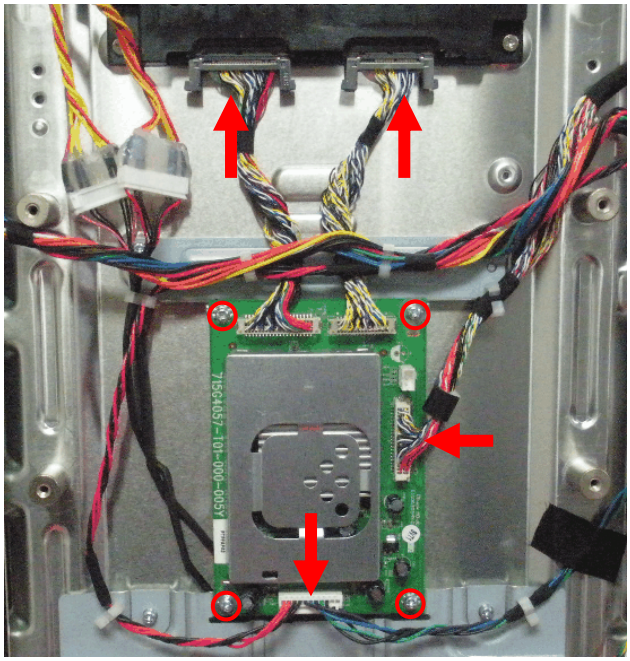


Fig.10

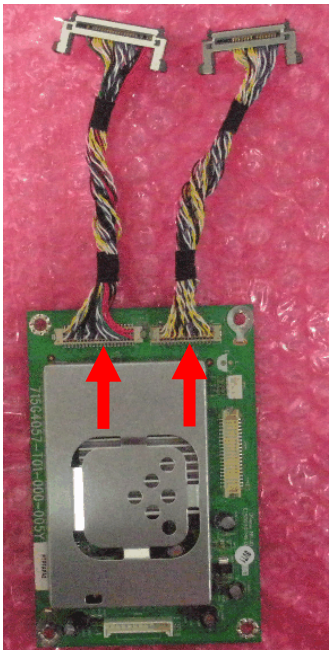


Fig.11

Step 4. Remove the Bracket, Speakers and Bezel.

1. Remove the 16 screws. Detach the Bracket and Bracket screws as Fig.12.

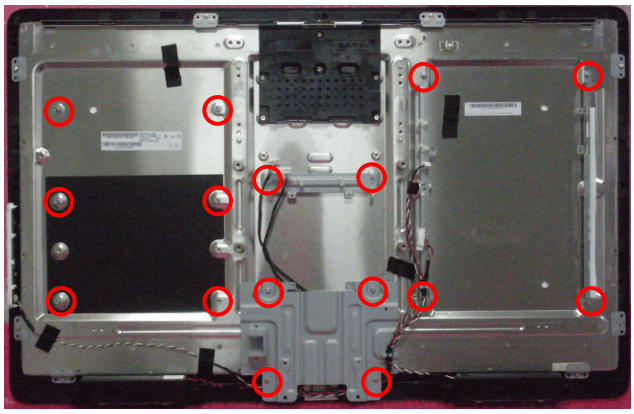


Fig.12

2. Release the speaker cable from its clamp, pull up and remove the speaker as Fig.13.

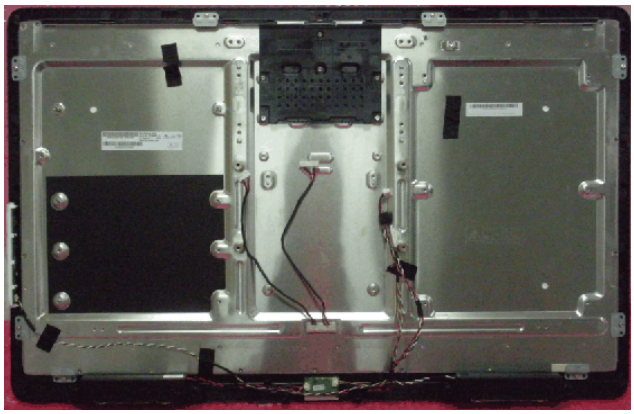
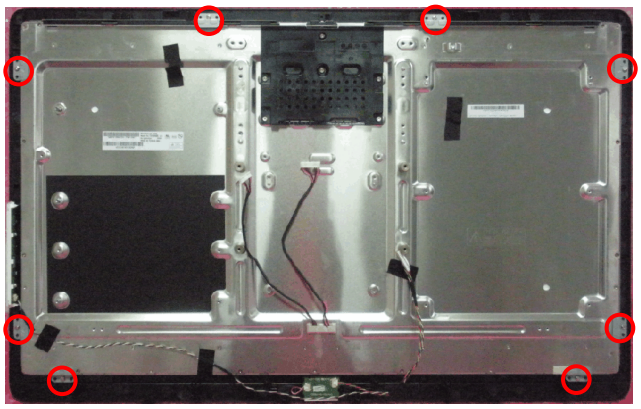


Fig.13

3. Remove the 8 screws to detach the panel bracket from the bezel.Then take out of the panel from the bezel as Fig.14.



Panel:

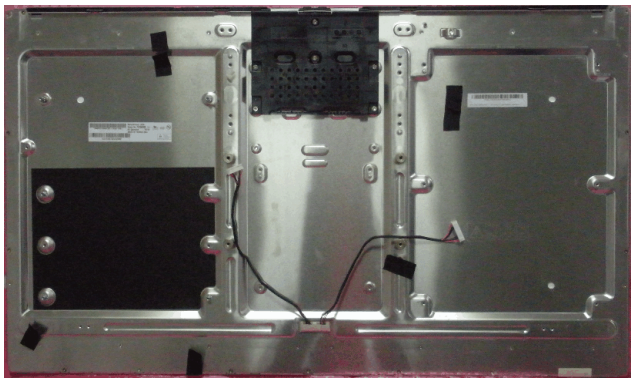


Fig.14

Step 5. Remove the IR and Key board.

1. Disconnect 2 cables, then release the clips. Detach the IR board as Fig.15.

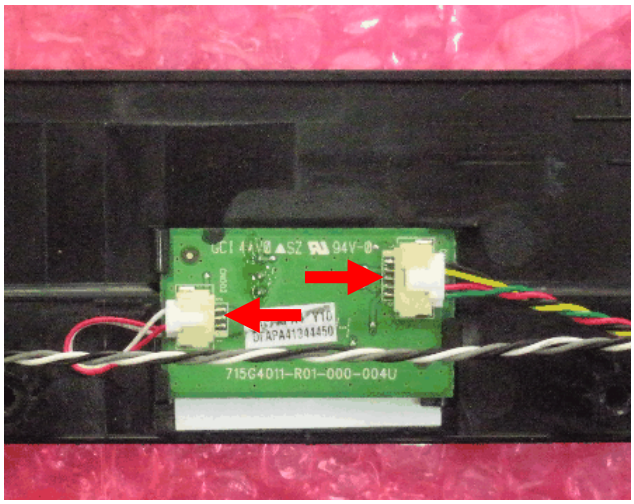


Fig.15

2. Disconnect 1 cable. Detach the Key board as Fig.17.

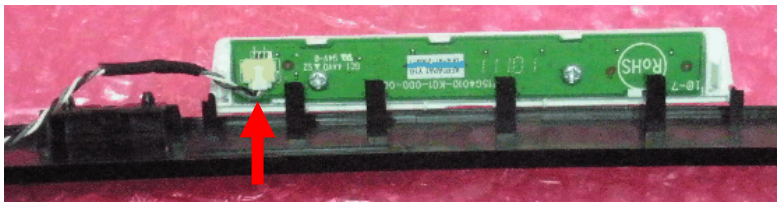


Fig.17

2. Set Re-assembly

To re-assemble the whole set, execute all processes in reverse order.

Notes:

a. While re-assembling, make sure that all cables are placed and connected in their original position.

b. Pay special attention not to damage the EMC foams at the SSB shielding. Check that EMC foams are put correctly on their places.

REMOVING OF MAJOR PARTS(LC-37LE320)

1. Assy/Panel Removal

Notes: Please put your machine on soft material to avoid to scrape panel when you disassemble it.

Front view

Fig.1

Back view

Fig.2

Step 1. Remove the Base Assy and Base neck.

1. Remove the Base Assy as Fig.3.

Remove the 4 screws as Fig.3 and pull out the base as Fig.4

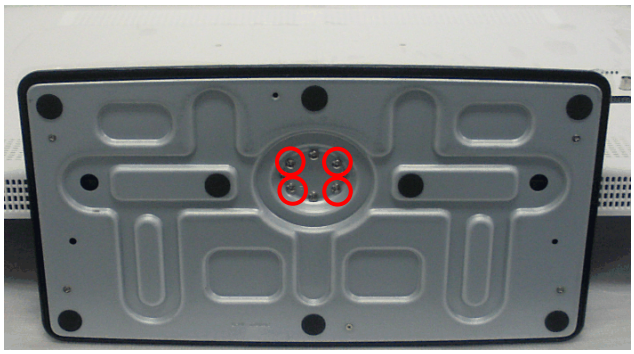


Fig.3

2. Remove the 4 screws. Detach the Base neck as Fig.4.

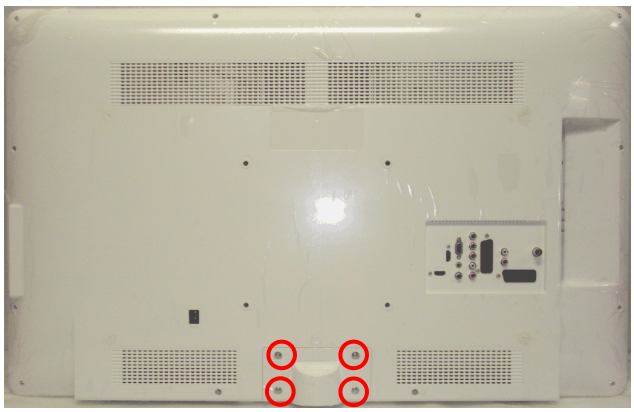


Fig.4

Step 2. Remove the REAR COVER Assy.

1. Remove the 17 screws. Detach the REAR COVER as Fig.5.

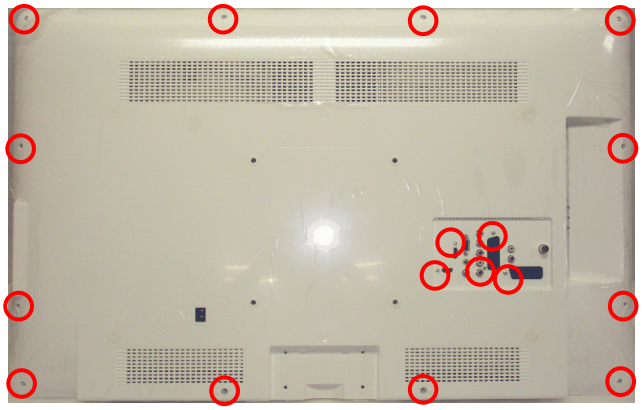


Fig.5

Step 3. Remove the Main, RS232, Power and MEMC board.

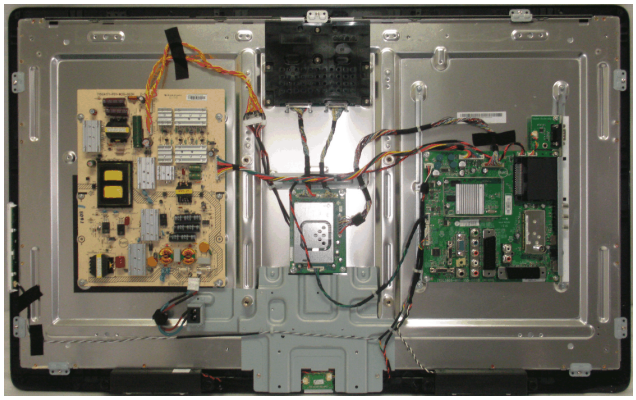


Fig.6

1. Remove the 8 screws and disconnect 8 cables. Detach the Main and RS232 boards as Fig.7 and Fig.8.

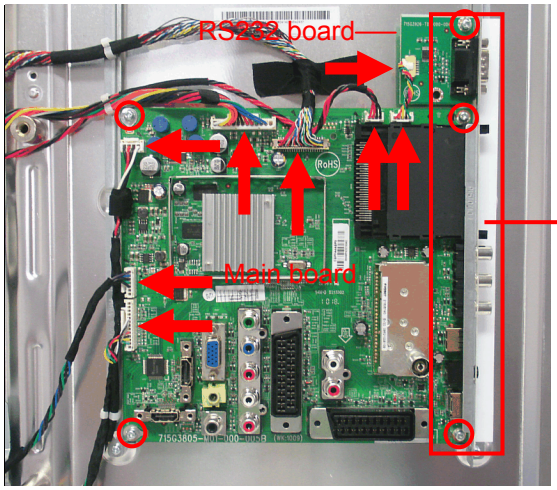


Fig.7

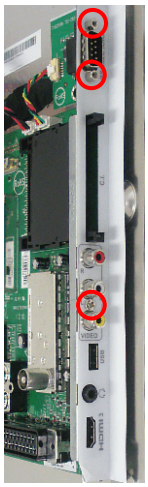


Fig.8

2. Remove the 6 screws and disconnect 3 cables. Detach the Power board as Fig.9.

Note: Move the AC port left from the Bracket, then disconnect the AC cable from the power board.

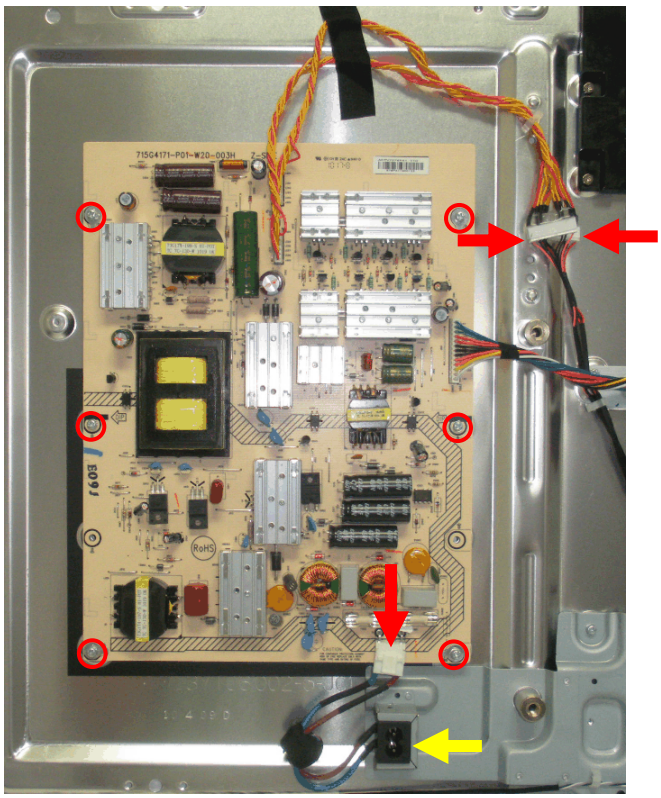


Fig.9

3. Remove the 4 screws and disconnect 4 cables. Detach the MEMC board as Fig.10.

Note: Please disconnect the LVDS cables with the panel firstly, then disconnect the LVDS with the MEMC board as Fig.11.

If you disconnect the LVDS cables with the MEMC board firstly, maybe the panel connector will be damaged because of the short LVDS cables.

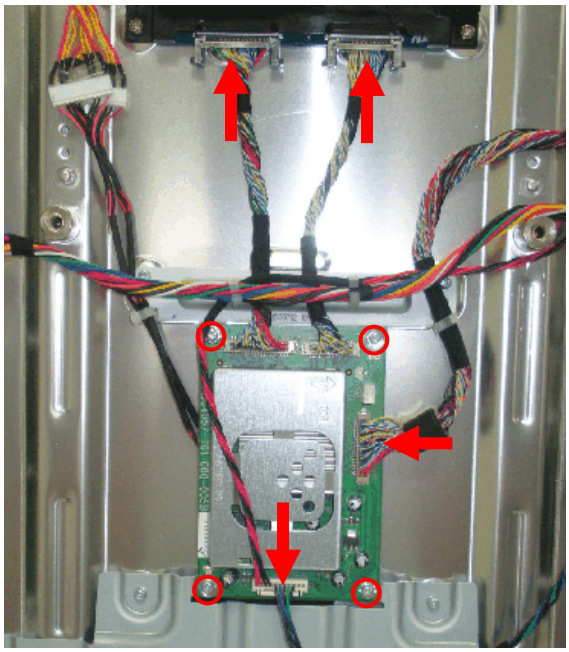


Fig.10

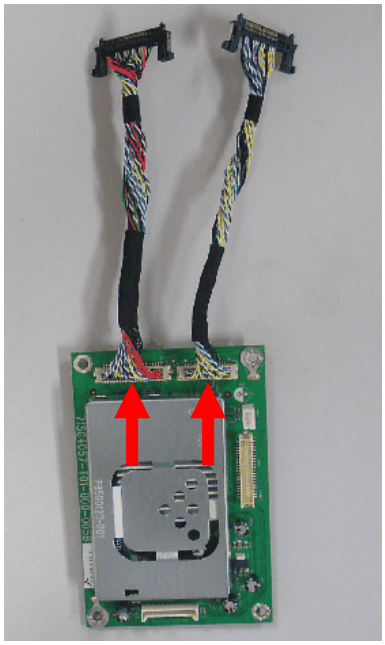


Fig.11

Step 4. Remove the Bracket, Speakers and Bezel.

1. Remove the 66 screws. Detach the base support as Fig.12.

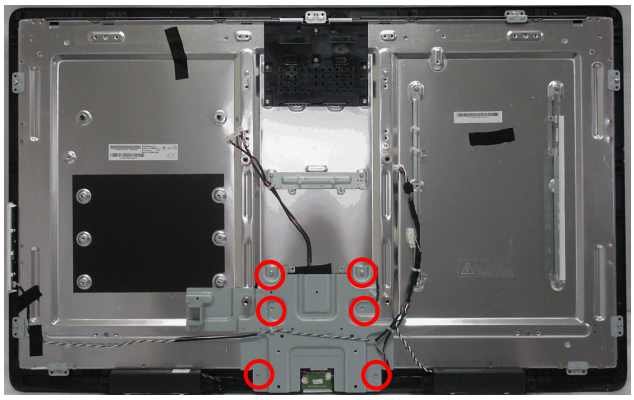


Fig.12

2. Release the speaker cable from its clamp, pull up and remove the speaker as Fig.13.

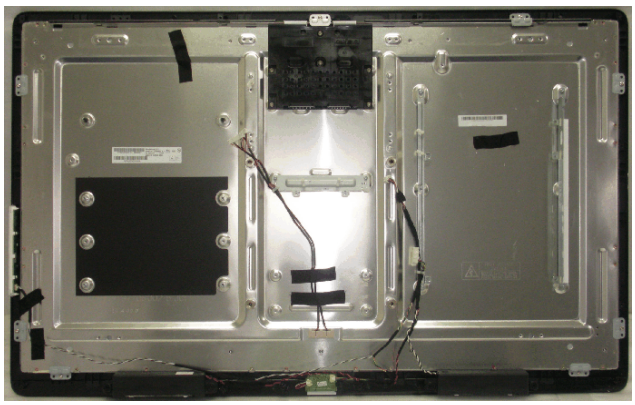
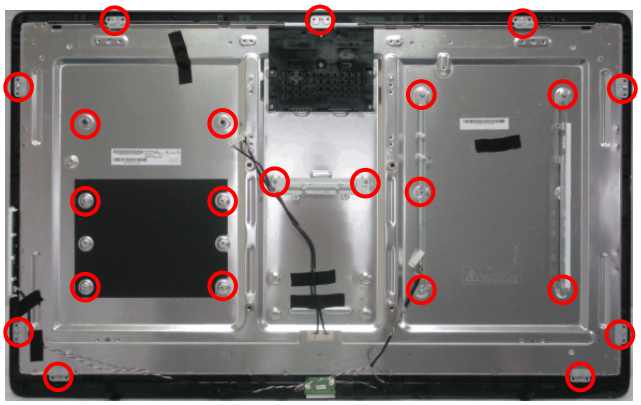


Fig.13

3. Remove the 22 screws to detach the Bracket and Bracket screws. Then take out of the panel from the bezel as Fig.14.



Panel:

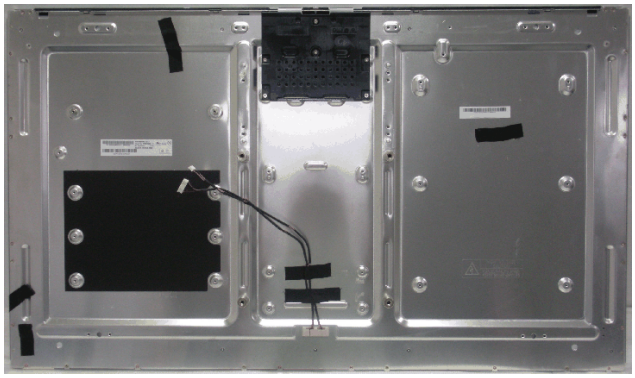


Fig.14

Step 5. Remove the IR and Key board.

1. Disconnect 2 cables, then release the clips. Detach the IR board as Fig.15.

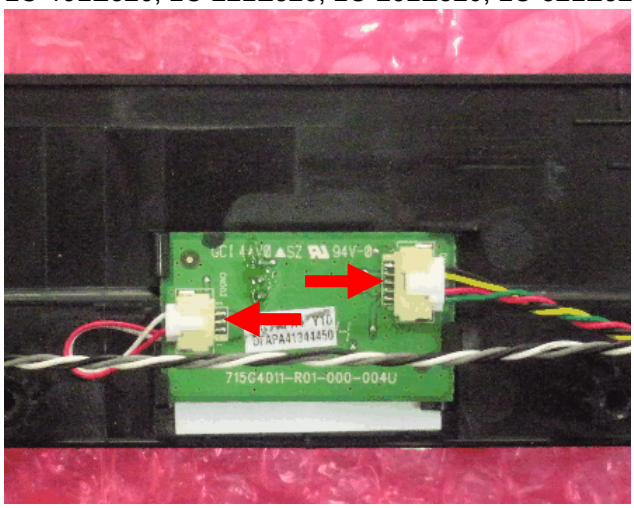


Fig.15

2. Disconnect 1 cable. Detach the Key board as Fig.17.

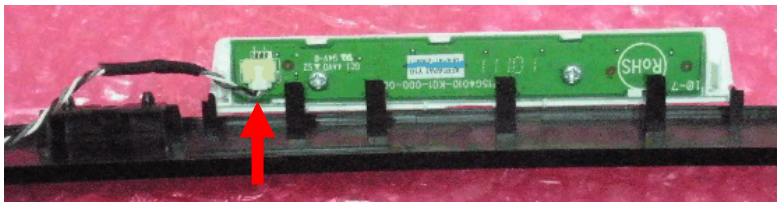


Fig.17

2. Set Re-assembly

To re-assemble the whole set, execute all processes in reverse order.

Notes:

a. While re-assembling, make sure that all cables are placed and connected in their original position.

b. Pay special attention not to damage the EMC foams at the SSB shielding. Check that EMC foams are put correctly on their places.

CHAPTER 3. ADJUSTMENT PROCEDURE

PROCEDURE

[1] ADJUSTMENT PROCEDURE

1. OSD Menu

2K10 Sharp DVB OSD tree-Video							
OSD Layer 1	2	3	4	5	6	Note	Model
Picture	Smart Picture	Personal					All
		Standard					All
		Vivid					All
		Movie					All
		Eco					All
	Brightness	slider					All
	Contrast	slider					All
	Color	slider					All
	Tint	slider					All
	Sharpness	slider					All
	Color Temperature	Normal	(default)				All
		Cool					All
		Warm					All
	Advanced Control(have sub page)	Noise Reduction	Off				All
			Low				All
			Medium				All
			HIGH				All
			Auto				All
		Flesh Tone	On				All
			Off				All
		Back Light(if DCR is Off)	slider				All
		DCR	On				All
			Off				All
Sound	Sound Mode	Personal					All
		Music					All
		Speech					All
	Equilizer 120Hz	slider					All
	Equilizer 500Hz	slider					All
	Equilizer 1.5KHz	slider					All
	Equilizer 5KHz	slider					All
	Equilizer 10KHz	slider					All
	Balance	slider					All
	Virtual Surround	On					All
		Off					All
	Digital Audio Out	PCM					All
		Off					All
		Dolby Digital					All
	SPDIF Delay	slider(from 0 to 250, interval of 10 between two items)					All

	AVL	Off					All
		On					All
	Type(if source is DTV)	Normal					All
		Hard of Hearing					All
		Audio Description					All
	Audio Description(if Type=Audio Description)	Volume	slider				All
							All
							All
TV	Tuner Mode	Antenna					All
		Cable					All
	Country(30)	UK					All
		Italy					All
		Luxembourg					All
		Netherlands					All
		Norway					All
		Sweden					All
		Croatia					All
		Hungary					All
		Ireland					All
		Poland					All
		Portugal					All
		Romania					All
		Serbia					All
		Slovakia					All
		Slovenia					All
		Turkey					All
		Iceland					All
		Russia					All
		Ukraine					All
		Austria					All
		Belgium					All
		Bulgaria					All
		Switzerland					All
		Czech Republic					All
		Germany					All
		Greece					All
		Denmark					All
		Spain					All
		Finland					All
		France					All
	1st Audio(28)(DTV only)	English					All
		Finnish					All
		French					All
		Gaelic					All
		Galician					All
		German					All
		Greek					All

		Hungarian					All
		Italian					All
		Norwegian					All
		Polish					All
		Portuguese					All
		Romanian					All
		Russian					All
		Serbian					All
		Slovak					All
		Slovenian					All
		Spanish					All
		Swedish					All
		Turkish					All
		Welsh					All
		Basque					All
		Bulgarian					All
		Catalan					All
		Croatian					All
		Czech					All
		Danish					All
		Dutch					All
	2nd Audio(28)(DTV only)	English					All
		Finnish					All
		French					All
		Gaelic					All
		Galician					All
		German					All
		Greek					All
		Hungarian					All
		Italian					All
		Norwegian					All
		Polish					All
		Portuguese					All
		Romanian					All
		Russian					All
		Serbian					All
		Slovak					All
		Slovenian					All
		Spanish					All
		Swedish					All
		Turkish					All
		Welsh					All
		Basque					All
		Bulgarian					All
		Catalan					All
		Croatian					All
		Czech					All
		Danish					All
		Dutch					All

	Audio Carrier(ATV only)	Mono					All
		Stereo					All
		Dual I					All
		Dual II					All
	Channels(have sub page)	Channel Scan	ATV	Status: scanning…			All
				Analogue channels:			All
			ATV and DTV(if Antenna mode)	Status: scanning…			All
				Analogue channels:			All
				Digital channels:			All
			ATV and DTV(if Cable mode)	Scan Mode	Full/Advance		All
				(if Advance mode select)	Frequency(KHz)		All
					Modulation =>Auto/16/32/64/ 128/256 QAM		All
					Symbol Rate(Ksym/s)		All
					Network ID		All
				Scan	Status: scanning…		All
					Analogue channels:		All
					Digital channels:		All
		Update Scan	Status: scanning…				All
			Analogue channels:				All
			Digital channels:				All
		Single RF Scan	RF Channel ..	slider			All
			Signal Strength..				All
			Signal Quailty..				All
		Analog Manual Scan	Start Frequency	xxMHz			All
			Scan Up				All
			Scan Down				All
		Channel Skip(have sub page)	(Channel munber…)				All
		Channel Sort(have sub page)	(Channel munber…)				All
		Channel Edit(have sub page)	(Channel munber…)				All
		Decoder(for ATV)	(Channel munber…)				All
		Analog Ch Fine Tune	(Channel munber…) (have sub page)	(do fine tune)			All
Features	Menu Language(28)	English					All
		Deutsch					All
		Français					All
		Italiano					All
		Español					All
		Português					All
		Nederlands					All
		Български					All
		Dansk					All
		Suomi					All
		Svenska					All
		Norsk					All
		Polski					All
		Русский					All
		Česky					All

		Hrvatski					All
		Magyar					All
		Română					All
		Slovenský					All
		Slovenščina					All
		Srpski					All
		Türkçe					All
		Ελληνικά					All
		Gaeilge					All
		Latviski					All
		Eesti					All
		Lietuviskai					All
		ykpaiHcbka					All
	4:3 mode	4:3					All
		16:9					All
	Picture Format(if video exist)	Auto					All
		Normal					All
		Zoom1					All
		Zoom2					All
		Wide					All
	Time (have sub page)	Time Zone	As Broadcaster				All
			GMT +0:00				All
			GMT +1:00				All
			GMT +2:00				All
			GMT +3:00				All
			GMT +3:30				All
			GMT +4:00				All
			GMT +4:30				All
			GMT +5:00				All
			GMT +5:30				All
			GMT +5:45				All
			GMT +6:00				All
			GMT +6:30				All
			GMT +7:00				All
			GMT +8:00				All
			GMT +9:00				All
			GMT +9:30				All
			GMT +10:00				All
			GMT +11:00				All
			GMT +12:00				All
			GMT +12:45				All
			GMT +13:00				All
			GMT -12:00				All
			GMT -11:00				All
			GMT -10:00				All
			GMT -9:00				All
			GMT -8:00				All
			GMT -7:00				All
			GMT -6:00				All

			GMT -5:00				All
			GMT -4:00				All
			GMT -3:30				All
			GMT -3:00				All
			GMT -2:00				All
			GMT -1:00				All
		Time(have sub page)	Auto synchronization (On/Off)				All
			Date (20xx/xx/xx)				All
			Time (xx:xx:xx)				All
			Timer (Off/On)				All
			Off Time (xx:xx:xx)				All
		Sleep Timer	Off				All
			10 Min				All
			20 Min				All
			30 Min				All
			40 Min				All
			50 Min				All
			60 Min				All
			90 Min				All
			120 Min				All
	SCART(have sub page) (Only availabe in SCART source)	SCART1	Auto				All
			Mixed				All
			RGB				All
			Composite				All
			S-Video				All
		SCART2(If have I/O)	Auto				All
			Composite				All
			S-Video				All
	Subtitle(have sub page)	Analog Subtitle	On				All
			On during mute				All
			Off				All
		1st Subtitle(28)	English				All
			Finnish				All
			French				All
			Gaelic				All
			Galician				All
			German				All
			Greek				All
			Hungarian				All
			Italian				All
			Norwegian				All
			Polish				All
			Portuguese				All
			Romanian				All
			Russian				All
			Serbian				All
			Slovak				All

			Slovenian			All
			Spanish			All
			Swedish			All
			Turkish			All
			Welsh			All
			Off			All
			Basque			All
			Bulgarian			All
			Catalan			All
			Croatian			All
			Czech			All
			Danish			All
			Dutch			All
		2nd Subtitle(28)	English			All
			Finnish			All
			French			All
			Gaelic			All
			Galician			All
			German			All
			Greek			All
			Hungarian			All
			Italian			All
			Norwegian			All
			Polish			All
			Portuguese			All
			Romanian			All
			Russian			All
			Serbian			All
			Slovak			All
			Slovenian			All
			Spanish			All
			Swedish			All
			Turkish			All
			Welsh			All
			Off			All
			Basque			All
			Bulgarian			All
			Catalan			All
			Croatian			All
			Czech			All
			Danish			All
			Dutch			All
		Subtitle Type	Normal			All
			Hearing Impaired			All
	Teletext Language(have sub page)	Digital Teletext Lang.	English			All
			Spanish			All
			French			All
			German			All

			Italian				All
			Danish				All
			Swedish				All
			Basque				All
			Bulgarian				All
			Catalan				All
			Croatian				All
			Czech				All
			Dutch				All
			Finnish				All
			Gaelic				All
			Galician				All
			Greek				All
			Hungarian				All
			Norwegian				All
			Polish				All
			Portuguese				All
			Romanian				All
			Russian				All
			Serbian				All
			Slovak				All
			Slovenian				All
			Turkish				All
			Welsh				All
		Decode Page Lang.	WEST EUR				All
			EAST EUR				All
			Russia				All
			Russia-2				All
			Greek				All
			Turkey				All
			Arab/Hbrw				All
			Farsian				All
			Arab				All
	Common Interface(have sub page)	(display some info & status..)					All
	HDMI Scan Info (Only available in HDMI source)	Automatic					All
		Underscan					All
		Overscan					All
	Reset Default						All
	SW Ver.						All
Parental	Password(have sub page)	Channel Block(have sub page)	(Channel munber…)				All
		Parental Guidance(have sub page)	Age Rating	18			All
				None			All
				4			All
				5			All
				6			All
				7			All
				8			All
				9			All
				10			All

				11			All
				12			All
				13			All
				14			All
				15			All
				16			All
				17			All
		Input Block(have sub page)	(Source list..) (TV,YPbPr,AV,SCART,PC,HDMI)				All
		Set password (have sub page)	New Password (xxxx)				All
			Confirm Password (xxxx)				All
		Clear All					All
Eco	Off						All
	On						All

2K10 Sharp DVB OSD tree--PC							
OSD Layer 1	2	3	4	5	6	Note	Model
Picture	Brightness	slider					All
	Contrast	slider					All
	Color Temperature	Normal	(default)				All
		Cool					All
		Warm					All
	Advanced Video(have sub page)	Auto Config	Auto Config				All
		Horizontal	slider				All
		Vertical	slider				All
		Phase	slider				All
		Clock	slider				All
		Resolution(if ambiguous timings)	1360*768				All
			1024*768				All
			1280*768				All
Sound	Audio Mode	Personal					All
		Music					All
		Speech					All
	Equilizer 120Hz	slider					All
	Equilizer 500Hz	slider					All
	Equilizer 1.5KHz	slider					All
	Equilizer 5KHz	slider					All
	Equilizer 10KHz	slider					All
	Balance	slider					All
	Virtual Surround	On					All
		Off					All
	Digital Audio Out	PCM					All
		Off					All
		Dolby Digital					All
	SPDIF Delay	slider(from 0 to 250, interval of 10 between two items)					All
	AVL	Off					All
		On					All
Features	Menu Language(28)	English					All
		Deutsch					All
		Français					All
		Italiano					All
		Español					All
		Português					All
		Nederlands					All
		Български					All
		Dansk					All
		Suomi					All
		Svenska					All
		Norsk					All
		Polski					All

		Русский					All
		Česky					All
		Hrvatski					All
		Magyar					All
		Română					All
		Slovenský					All
		Slovenščina					All
		Srpski					All
		Türkçe					All
		Ελληνικά					All
		Gaeilge					All
		Latviski					All
		Eesti					All
		Lietuviskai					All
		ykpaiHcbka					All
	Picture Format	Full screen					All
		Native (if is native timing)					All
		4:3					All
	Reset Default						All
	SW Ver.						All
Parental	Password(have sub page)	Parental Guidance(have sub page)	Age Rating	18			All
				None			All
				4			All
				5			All
				6			All
				7			All
				8			All
				9			All
				10			All
				11			All
				12			All
				13			All
				14			All
				15			All
				16			All
				17			All
		Input Block(have sub page)	(Source list..) (TV,YPbPr,AV,SCART,PC,HDMI)				All
		Set password (have sub page)	New Password (xxxx)				All
			Confirm Password (xxxx)				All
		Clear All					All
Eco	Off						All
	On						All

2. Display adjustment

YPbPr Mode display adjustment

1 Auto color for signal slicering

1.1 General set-up

Equipment Requirements:

Knoica Minolta CS-200 or equivalent instrument. Quantum Data Pattern Generator 881 or equivalent instrument.

Input requirements:

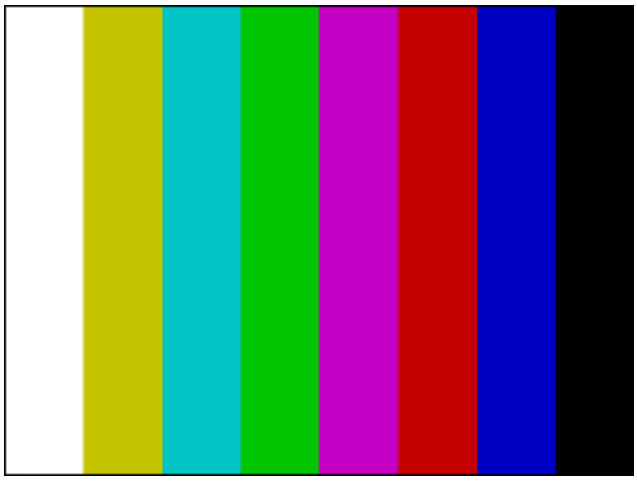
Input signal type: YPbPr signal

1. 1080i/25mode, TVBar100 pattern by QuantumData 881.
2. Select Picture mode to “Personal” mode and adjust the x, y data.

Input Signal Strength: 1 Vpp for Y signal ; 700 mVpp for Pb & Pr signal

Input Injection Point: YPbPr (RAC jack)

1080i/25, TVBar100 pattern



Alignment method:

Initial Set-up:

1. Select source as “YPbPr”.
2. Set Smart Picture mode as “Personal” and then adjust Contrast = 58, Brightness=48, Color=58, set Color Temp. to be “cool” mode.
3. Apply “TVBar100” pattern which is color bar pattern by signal generator.
4. Enter “factory mode menu”: press MENU + Numeric keys “1999”

Alignment:

1. At factory mode menu, select AUTO_COLOR item. Then press “OK” key of remote control to adjust ADC_GAIN_R, ADC_GAIN_G, ADC_GAIN_B and ADC_OFFSET_R, ADC_OFFSET_G, ADC_OFFSET_B. Then store those values to NVM.
2. Check the 16 grayscale pattern should be distinguished and color bar is correct
3. Reset AV setting, picture mode shall be recalled to be “Vivid” and Contrast=58, Brightness=48; Color=58.

Note:

Sharp EU 2k10 models have no need to operate “AUTO_COLOR” function, due to EFUSE is set “Disable” within NVM for defult. These ADC values will be produced by Main chip (MT5363) interal defination.

White balance adjustment

Alignment method:

Initial Set-up:

1. Select source as “YPbPr”.
2. Set Contrast = 58 and Brightness=48, Color=58, at normal menu mode.
3. Apply “80% white pattern or Flat 80 pattern by Component video generator.
4. Enter factory mode menu: press MENU + Numeric keys 1999”.

Alignment:

1. Apply Flat80 pattern (80% white pattern).

2. Set color temperature to “NORMAL”.

3. At factory mode menu, adjust the Scaler R Gain, Scaler G Gain, Scaler B Gain values to meet “NORMAL” color coordinates specification below. Then store those values to NVM

4. Set color temperature to “COOL”.

5. At factory mode menu, adjust the Scaler R Gain, Scaler G Gain, Scaler B Gain values to meet “COOL” color coordinates specification below. Then store those values to NVM

6. Set color temperature to “WARM”.

7. At factory mode menu, adjust the Scaler R Gain, Scaler G Gain, Scaler B Gain values to meet “WARM” color coordinates specification below. Then store those values to NVM

Color temperature Normal/Warm/Cool (x, y) co-ordinates specification:

`

Picture Mode	x	y
Normal (9000K)	0.289±0.003	0.291±0.003
Cool (12000K)	0.272±0.003	0.277±0.003
Warm (6500K)	0.314±0.003	0.319±0.003

Table 5: Reading with Knoica Minolta CS-200.

Note:

1. Use Knoica Minolta CS-200 for color coordinates and luminance check.
2. For suitable mass production at factory, colour analyzers CA-210 can be applied. But, befor measureing ,all CA-210 should be coordinates and proofread with a Charoma Meter (CS-200) or equivalent instrument and a reference TV set.
3. Check the luminance at the center of the screen with 100% White. And to set Brightness control at 100; Contrast control at 100.

Luminance > 200cd/m^2 (Typ.) [For LC-19LE320E/RU only at color temp.- *warm mode]

> 200 cd/m^2 (Typ.) [For LC-22LE320E/RU only at color temp.- *warm mode]

> 400 cd/m^2 (Typ.) [For LC-262LE320E/RU only at color temp.- cool mode]

> 450 cd/m^2 (Typ.) [For LC-32LE320E/RU only at color temp.- cool mode]

> TBD cd/m^2 (Typ.) [For LC-37LE320E/RU only at color temp.- cool mode]

> TBD cd/m^2 (Typ.) [For LC-42LE320E/RU only at color temp.- cool mode]

4. The defult values of Scaler R Gain, Scaler G Gain, Scaler B Gain are all 128. When panel WD is made adjustment, the three values could not be over 128. That is preventing color saturation after adjusting Contrast and Brithness setting at main menu.

PC mode display adjustment

1. Display quality adjustment

Use timing mode as describe in 2.2, and use the POPO (pixel on pixel off) pattern to adjust the clock until no stripe and adjust the phase until clear picture.(“Auto” will be done every time switching to PC mode and mode change) Check all preset 7 modes.

2. Auto color for signal slicering (B)

2.1 General set-up

Equipment Requirements:

Knoica Minolta CS-200 or Equivalent Color analyzer. Chroma 2250 or equivalent PC signal generator.

Input requirements:

Input Signal Type:

PC VGA signal

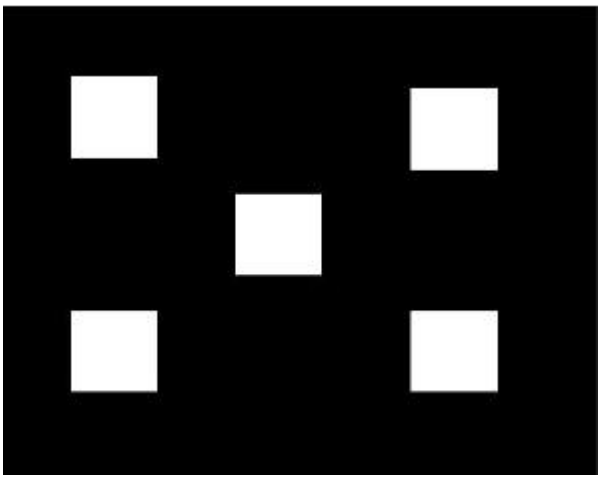
1. 1024X7684/60Hz PC mode with ”5 white block” pattern. (see pattern-1)

Input Signal Strength:

0.7 Vp-p linear voltage.

Input Injection Point:

PC D-SUB input



Pattern-1

Alignment method:

Initial Set-up:

1. Select source as “PC”.
2. Set Contrast = 58 (Sharp) and Brightness=100 (Sharp) , at normal menu mode.
3. Apply “5 white block”(pattern-1) pattern by VGA pattern generator.
4. Enter factory mode menu: press MENU + Numeric keys “1999” (factory mode menu).

Alignment:

At factory mode menu, select AUTO_COLOR item. Then press “OK” key to adjust ADC_GAIN_R, ADC_GAIN_G, ADC_GAIN_B and ADC_OFFSET_R, ADC_OFFSET_G, ADC_OFFSET_B. Then store those values to NVM.

Set Contrast = 100 (Sharp) and Brightness=100 (Sharp)

Check color temperature specification with PC mode.

Color temperature Normal/Warm/Cool (x, y) co-ordinates specification:

Picture Mode	x	y
Cool (12000K)	0.272±0.010	0.277±0.010
Normal (9000K)	0.289±0.015	0.291±0.015
Warm (6500K)	0.314±0.015	0.319±0.015

Table 5: Reading with Knoica Minolta CS-200.

Note:

1. Use Knoica Minolta CS-200. for color coordinates and luminance check.
2. For suitable mass production at factory, colour analyzers CA-210 can be applied. But, befor measureing ,all CA-210 should be coordinates and proofread with a Charoma Meter (CS-200) or equivalent instrument and a reference TV set.
3. Check the luminance in the center of the screen with 100% White. And to Brightness control at 100; Contrast control at 100

Luminance > 200 cd/m^2 (Typ.) [For LC-19LE320E/RU only at color temp.- *warm mode]

> 200 cd/m^2 (Typ.) [For LC-22LE320E/RU only at color temp.-*warm mode]

> 360 cd/m^2 (Typ.) [For LC-26LE320E/RU only at color temp.- cool mode]

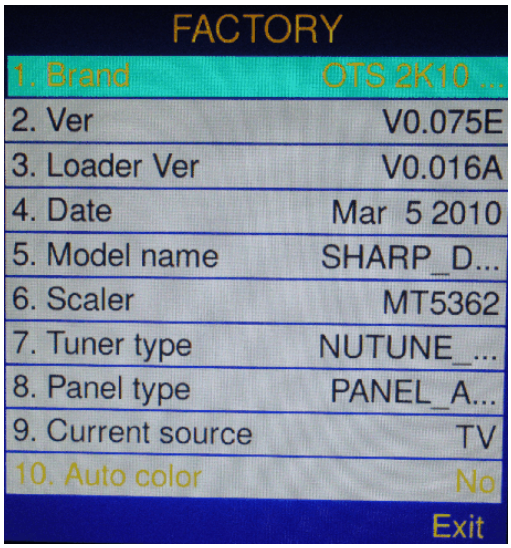
> 360 cd/m^2 (Typ.) [For LC-32LE320E/RU only at color temp.- cool mode]

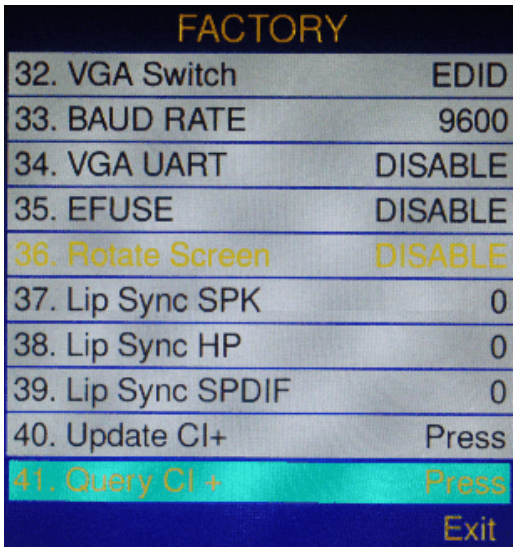
> 360 cd/m2 (Typ.) [For LC-37LE320E/RU only at color temp.- cool mode]

> 360 cd/m2 (Typ.) [For LC-42LE320E/RU only at color temp.- cool mode]

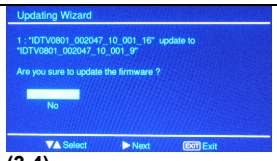
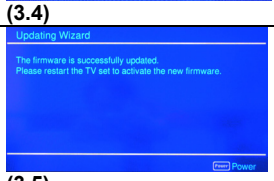
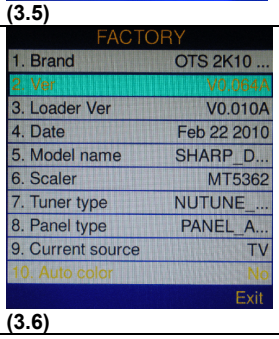
[2] SERVICE MODE

Enter factory mode menu: press MENU + Numeric keys “1999” to enter factory mode.





[3] SOFTWARE UPGRADE PROCEDURE

Sharp model Firmware upgrade SOP by USB flash drives			
Flow chart	**Step**	**Photo**	**Remark**
1. Equipment and warm-up	1、USB flash drives(need USB2.0) 2、Upgrade firmware		Need USB2.0
2.Upgrade step	1、 Copy the firmware from your computer to the USB flash drives.		
	2、Change firmware name to upgrade.pkg		Please check the firmware name again before rework.
	3、AC ON（Figure3.1、Figure3.2）	 **(3.1)** **(3.2)**	
	4、Plug the USB flash drives into the USB port (service port) on the side I/O port of TV.(Figure 3.3)	 **(3.3)**	
	5、DC ON（You can use Keypad or Remote control power key）		
	6、When display Upgrade MENU (Figure 3.4), select “Yes” by remote control to implement update firmware	 **(3.4)**	If there is no display upgrade MENU,can you DC ON/OFF once more
	7、When finished upgrade 100%,Please remove the USB flash drives then press “Power” to renew the TV(Figure3.5)	 **(3.5)**	
	8、Press “MENU”+1999 to enter factory Menu by remote control. Then select “2.Main MCU Ver” to check upgrade firmware Version(Figure3.6)	 **(3.6)**	
	9、Implement “Exit” Icon to exit factory Menu . After exit factory mode, pls power off then turn off the AC power. congratulation, upgrade step is finish.		

CHAPTER 4. TROUBLESHOOTING TABLE

[1] 19” TROUBLESHOOTING TABLE

Power unit operation check.

↓

Are the power cord and harness in the unit properly connected?

NO → Connect the power cord and harness properly, and turn on the power.

LINE_FILTER_UNIT: ↓ YES

Is F901 F902 normal?

NO → LINE_FILTER_UNIT:
Isn't C908, RV901, L902, C900, C901, etc. out of order? Moreover, whether the short-circuit with the circumference circuit is checked.

POWER_UNIT ↓YES

Is BD901 (+320V) output?

NO → Does the circuit operate normally?
Check circuit around (BD901, Q903, ZD906, IC901, D901 etc).

↓YES

Is a voltage of +5.3V applied to pin (4,5) of connector (CN902)?

NO → Does the switching circuit operate normally?
Check circuit around the primary side (T901, ZD906, D901, D903, Q903, D904, IC901, Q901, D904 etc.), the secondary side (D905, L904, C921 etc.), the DC_DET circuit (IC902, ZD903, IC903, IC901, etc.), and the protection circuit.

↓YES

Is a voltage of +16V applied to pin (9,10) of connector (CN902)?

NO → Does the inverter circuit operate normally?
Check circuit around (D902, L903, C914, Q908, ZD902 etc.), and the protection circuit.

The sound is not emitted from the speaker though the picture has come out.

↓

No sound output in all modes?

TEREMINAL UNIT: ↓

Is the audio signal output of pin (U36)(AR3), (V37)(AL3) of IC U401 normal?

NO → Check IC U401 and its peripheral circuits.

↓YES

Is audio signal input to pin (4)(LINN), pin (11)(RINN) of IC U601 (AMP)?

NO → Check the line between IC U605 and IC U601.

↓YES

Is MUTE circuit [Shutdown, OFF_MUTE] normal?

NO → Check the Mute circuit. (Q601, Q602 etc.)

↓YES

Is the audio signal output of pin (3, 4) (L-ch) and pin (1, 2) (R-ch) of CN601 (AOUDIO-CONNECTOR) normal?

NO → Check IC U601 and its peripheral circuits.

↓YES

Check Speaker Box (right and left) and wire harness.

No sound (during the reception of TV broadcasting)

↓

Does not the sound go out though the picture has come out when TV is received?

MAIN UNIT: ↓

Is the IF signal output from pin (16) and pin (17) of TUNER (TU102)? — NO → Check the tuner and its peripheral circuits. Replace as required.

↓YES

Is the IF signal sent to pin (AH35) and pin (AH37) of IC U401? — NO → Check IC U401 its peripheral circuits.

↓YES

Refer to "No sound output in all modes".

No sound from external input devices (1)

↓

Does not the sound of the audio signal input to SCART1 go out?

TEREMINAL UNIT: ↓

Is the audio signal properly sent to pin (6)(SCT1_AUL_IN) and pin (2)(SCT1_AUR_IN) of SCART1 (CN151)? — NO → Check the setting of an external input device that connects of CN151

↓YES

Is the audio signal properly sent to pin (AA32) and pin (AB33) of IC U401? — NO → Check the line between CN151 and IC U401

↓YES

Refer to "No sound output in all modes".

No sound from external input devices (2)

↓

Does not the sound of the audio signal input to AV1 (Component) go out?

MAIN UNIT: ↓

Is the audio signal properly sent to pin (2)(AV1_AudioLIN) and pin (4)(AV1_AudioRIN) of CN116? — NO → Check the connection to CN116 and the external input device.

↓YES

Is the audio signal properly sent to pin (AD33) and pin (AC34) of IC U401? — NO → Check the line between CN116 and IC U401.

↓YES

Refer to "No sound output in all modes".

No sound from external input devices (3)

↓

Does not the sound of the audio signal input to AV3(Composite) go out?

MAIN UNIT: ↓

Is the audio signal properly sent to pin (4)(AV3_AudioLIN) and pin (6)(AV3_AudioRIN) of CN136?

NO → Check the connection to CN136 and the external input device.

↓YES

Is the audio signal properly sent to pin (AD35) and pin (AB35) of IC U401?

NO → Check the line between CN136 and IC U401.

↓YES

Refer to "No sound output in all modes".

No sound from external input devices (4)

↓

Does not the sound of the audio signal input to VGA go out?

MAIN UNIT: ↓

Is the audio signal properly sent to pin (2)(VGA_AudioLIN) and pin (3)(VGA_AudioRIN) of CN102?

NO → Check the connection to CN102 and the external input device.

↓YES

Is the audio signal properly sent to pin (AA36) and pin (Y37) of IC U401?

NO → Check the line between CN102 and IC U401.

↓YES

Refer to "No sound output in all modes".

No sound from external input devices (5)

↓

Does not the sound of the audio signal input to HDMI go out?

↓

Is picture of the signal input from HDMI displayed?

NO → Refer to "Does not the picture of the HDMI signal input to HDMI go out?".

↓YES

Refer to "No sound output in all modes".

The audio signal is not output (1)

↓

The audio signal of UHF/VHF is not output from SCART1.

TEREMINAL UNIT: ↓

Is audio signal output from IC U106 sent to pin (3)(SCT1_AUL_OUT) and pin(1)(SCT1_AUR_OUT) of SCART1(CN151)?

YES → Check the connection to SCART1 and external devices.

↓NO

Is audio signal output from IC U401 is sent to pin (2) (1IN-) and pin (6) (2IN-)of IC U106?

YES → Check the line between IC U401 and IC U106.

↓NO

Check IC U401 and its peripheral circuits.

The audio signal is not output (2)

↓

No audio signal output from LINE_AUDIO_OUTPUT terminal.

TEREMINAL UNIT: ↓

Is audio signal output from IC U107 sent to pin(4)(Audio_Line_Out_L) and pin (6)(Audio_Line_Out_R) of LINE_AUDIO_OUT connector(CN140)?

YES → Check the connection to LINE_AUDIO_OUT and external devices.

↓NO

Is audio signal output from IC U401 is sent to pin (2) (1IN-) and pin (6) (2IN-)of IC U107?

YES → Check the line between IC U401 and IC U107.

↓NO

Check IC U401 and its peripheral circuits.

The audio signal is not output (3)

↓

No audio signal output from SPDIF_OUTPUT terminal.

TEREMINAL UNIT: ↓

Is ASPDIF audio signal output from pin (K33) of IC U401 to pin (6) of connector CN116?

YES → Check the connection to SPDIF_OUT and external devices.

↓NO

Check IC U401 and its peripheral circuits.

The audio signal is not output (4)

↓

No sound from HEADPHONE_OUTPUT terminal.

MINI AV_UNIT: ↓

Is the HP_DET# signal input into pin (AE6) of IC U401 from pin (6) of a headphone terminal (CN602)?

NO → Check the connection to CN602 and external headphone is plug in well.

↓YES

Is the audio signal output from IC U602 to pin(2) (HPOUTL) and pin (3) (HPOUTR) of headphone terminal CN602?

NO → Check the line between IC U602 and CN602.

↓YES

Is the audio signal output from IC U401 pin(V35) and pin(U34) sent to pin(1)(INL-) and pin(4)(INR-) of IC U602?

NO → Check the line between IC U401 and IC U602.

↓YES

Check IC U401 and its peripheral circuits.

No picture on the display (1)

↓

The picture doesn't appear in all modes.

MAIN UNIT: ↓

Is LVDS signal output from 1st_channel and 2nd_channel of IC U401 in each mode?
(A0N/A0P),(A1N/A1P),(A2N/A2P),(A3N/A3P),(CK1N/CK1P)

↓NO

Check IC U401 and its peripheral control circuits.

↓YES

Is the above-mentioned LVDS signals output to connector CN408? NO → Check the line between IC U401 and CN408.

↓YES

Is LCD controller's control signal normal? NO → Control signals BRIGHT_ADJ, INVERTER_ON_OFF, PANEL_VCC_ON/OFF, and it peels off and whether normality is checked.

PANEL_UNIT: ↓YES

Similarly, is the LVDS signal input to connector of the panel module? NO → Wire harness is checked.

↓YES

Check the panel module.

No picture on the display (2)

↓

Does not the picture come out when TV (Antenna) is received?

TERMINAL UNIT: ↓

Is the voltage of regulation for a TUNER circuit and the power supply terminal of IC U401 supplied? NO → Each power supply circuit is checked.

↓YES

Is IF signal output from pin (16), (17) of TUNER (TU102) to pin (AH35), pin (AH37) of IC U401 ? NO → Check the tuner, IC U401 and their peripheral circuits. Replace as required.

MAIN_UNIT: ↓YES

Do X4150 (54.00MHz) oscillate? NO → Check X4150 and its peripheral circuits.

↓YES

Refer to "The picture doesn't appear in all modes."

No picture on the display (3)

↓

Does not the picture come out when TV (Cable) is received?

TERMINAL UNIT: ↓

Is the voltage of regulation for a TUNER circuit and the power supply terminal of IC U401 supplied?

NO → Each power supply circuit is checked.

↓YES

Is IF signal output from pin (16), (17) of TUNER (TU102) to pin (29), pin (30) of IC U101 ?

NO → Check the tuner, IC U101 and their peripheral circuits. Replace as required.

↓YES

Is MPEG data (CI_INDATA0, TSYNC, TCK) signal from pin (11), (8) (9) of IC U101 are output to IC U401?

NO → Check IC U101 and their peripheral circuits. Replace as required.

MAIN_UNIT: ↓YES

Do X4150 (54.00MHz) oscillate?

NO → Check X4150 and its peripheral circuits.

↓YES

Refer to "The picture doesn't appear in all modes."

<External input SCART1>No picture on the display (4)

↓

Does not the picture of the CVBS signal input to SCART1 go out?

TERMINAL UNIT: ↓

Is CVBS signal sent to pin (20) of SCART1 (CN151)?

NO → Check the setting of an external input device that connects of CN151.

MAIN_UNIT: ↓YES

Is CVBS signal sent to pin (AP33) of IC U401?

NO → Check the line between IC U401 and CN151.

↓YES

Refer to "The picture doesn't appear in all modes."

<External input SCART1>No picture on the display (5)

↓

Does not the picture of the R/G/B video signal input to SCART1 go out?

TERMINAL UNIT: ↓

Is RGB signal sent to pin (15)/R, (11)/G, (7)/B, of SCART1 (CN151)? —NO→ Check the setting of an external input device that connects of CN151.

MAIN_UNIT: ↓YES

Is RGB signal sent to pin (AU30)/R, (AP29)/G, (AR28)/B of IC U401? —NO→ Check the line between IC U401 and CN151.

↓YES

Refer to "The picture doesn't appear in all modes."

<External input SCART1 >No picture on the display (6)

↓

Does not the picture of the Y/C signal input to SCART1 go out?

TERMINAL UNIT: ↓

Is Y/C signal sent to pin (20) and (15) of SCART1 (CN151)? —NO→ Check the setting of an external input device that connects of CN151.

MAIN_UNIT: ↓YES

Is Y/C signal sent to pin (AP33)/Y, (AU30)/C of IC U401? —NO→ Check the line between IC U401 and CN151.

↓YES

Refer to "The picture doesn't appear in all modes."

<External input AV3(Composite)>No picture on the display (6)

↓

Does not the picture of the composite video signal input to AV3(Composite) go out?

TERMINAL UNIT: ↓

Is CVBS signal sent to pin (2) of AV3 (CN136) ? —NO→ Check the setting of an external input device that connects of CN136.

MAIN_UNIT: ↓YES

Is CVBS signal sent to pin (AU36) of IC U401? —NO→ Check the line between IC U401 and CN136.

↓YES

Refer to "The picture doesn't appear in all modes."

<External input HDMI1>No picture on the display (7)

↓

Does not the picture of the HDMI signal input to HDMI1 go out?

MINI AV_UNIT: ↓

Is the HOT_PLUG detection function of pin (19) of a HDMI terminal (CN502) normal?

NO → Check the line between pin (AN16) of IC U401 and CN502.

↓

Check the connection and setup with the external HDMI devices.

YES ↓

Are EDID data pin (6)(SCL) of IC U503 (EEPROM), pin (5)(SDA) accessed, and is it read from pin (15), pin (16) of a HDMI terminal(CN502)?

NO → Is access possible in the re-writing or exchange of EDID data of IC U503?

↓NO

Check CN502, IC U503 and peripheral circuits.

YES ↓

Is TMDS signal input into pin(AP15, AT15)/RX2-2±,(AR14, AU14)/RX2-1±, (AP13, AT13)/RX2-0±, (AR12, AU12)/RX2-C± of IC U401?

NO → Check the line between IC U401 and CN502.

↓YES

Refer to "The picture doesn't appear in all modes."

<External input HDMI2>No picture on the display (8)

↓

Does not the picture of the HDMI signal input to HDMI2 go out?

MINI AV_UNIT: ↓

Is the HOT_PLUG detection function of pin (19) of a HDMI terminal (CN505) normal?

NO → Check the line between pin (AL18) of IC U401 and CN505.

↓

Check the connection and setup with the external HDMI devices.

YES ↓

Are EDID data pin (6)(SCL) of IC U504 (EEPROM), pin (5)(SDA) accessed, and is it read from pin (15), pin (16) of a HDMI terminal(CN505)?

NO → Is access possible in the re-writing or exchange of EDID data of IC U504?

↓NO

YES ↓

Check CN505, IC U504 and peripheral circuits.

Is TMDS signal input into pin(AP19, AT19)/RX3-2±,(AR18, AU18)/RX3-1±, (AP17, AT17)/RX3-0±, (AR16, AU16)/RX3-C± of IC U401?

NO → Check the line between IC U401 and CN505.

↓YES

Refer to "The picture doesn't appear in all modes."

<External input VGA>No picture on the display (9)

↓

Does not the picture of the PC IN(ANALOG) video signal input to VGA(15pin-D-SUB terminal) go out?

TERMINAL_UNIT: ↓

Is R/G/B/H/V signal sent to pin (1)/R, (2)/G, (3)/B, (14)/H, (13)/V of VGA (CN101)?

NO → Check the setting of an external input device that connects of CN101.

MAIN_UNIT: ↓YES

Is R/G/B/H/V signal sent to pin (AT25)/R, (AU24)/G, (AT23)/B, (AR22)/H, (AU22)/V of IC U401?

NO → Check the line between IC U401 and CN101.

↓YES

Refer to "The picture doesn't appear in all modes."

<External input AV1(Component)>No picture on the display (10)

↓

Does not the picture of the component video signal input to Component go out?

TERMINAL_UNIT: ↓

Is Component Y/Pb/Pr signal sent to pin (2)/Y, (4)/Pb, (6)/Pr of AV1(CN111) ?

NO → Check the setting of an external input device that connects of CN111.

MAIN_UNIT: ↓YES

Is Component Y/Pb/Pr signal sent to pin (AU26)/Y, (AT27)/Pb, (AP27)/Pr of IC U401?

NO → Check the line between IC U401 and CN111.

↓YES

Refer to ‘‘The picture doesn't appear in all modes.’’

< During external connection > No picture on the monitor (1)

↓

No picture appears on SCART1 - connected monitor during the tuner (U/V) reception.

↓

Checklist:
1) Is the Signal Type (item) in MENU-Option-Input Select equal to Signal Type of an external device? …Set it to "CVBS", "Y/C", "RGB", "AUTO".
2) Is ANT-CABLE disconnected or connected improperly? …Connect it correctly as per the operation manual.
3) The picture is sent to the monitor in a CVBS signal if the source during display is ATV/DTV, CVBS or Y/C of SCART1, AV3.
   When sent by component, etc., that signal is not sent to the monitor.
4) When the monitor picture is not sent and is not displayed on the monitor, refer to "No picture" for each terminal.
5) The video output from SCART1 is not the monitor output (output of the picture now watching).
   The picture of the last selected TV channel is always sent to SCART1. (Specification)

TERMINAL_UNIT: ↓

Is CVBS signal output into pin (19) of CN151 (SCART1)? → YES → Check the setting of an external input device that connects of CN151.

↓NO

Is U401 pin (AT31) CVBS signal output into pin (19) of CN151 (SCART1)? → YES → Check the line between CN151 and U401.

↓NO

Refer to "The picture doesn't appear in all modes."

< During external connection > No picture on the monitor (2)

AVOUT: ↓

No picture from SCART1 appears on AVOUT-connected monitor.
NOTE: Normally, if the screen during display is sent to SCART1, no picture is sent to AVOUT.

↓

Checklist:
1) Is the Signal Type (item) in MENU-Option-Input Select equal to Signal Type of an external device? …Set it to "CVBS", "Y/C", "AUTO".
2) The picture is sent to the monitor in a CVBS signal if the source during display is TV, CVBS or Y/C of SCART1, AV3.
   When sent by component, etc., that signal is not sent to the monitor.
3) When the monitor picture is not sent and is not displayed on the monitor, refer to "No picture" for each terminal.
4) The video output from SCART1 is not the monitor output (output of the picture now watching).
   The picture of the last selected TV channel is always sent to SCART1. (Specification)

TERMINAL_UNIT: ↓

Is CVBS signal output into pin (2) of CN140? → YES → Check the setting of an external input device that connects of CN140.

↓NO

Is CVBS signal output from pin (AP31) of IC U401 into pin (2) of CN140 ? → YES → Check the line between CN140 and IC U401.

↓NO

Refer to "The picture doesn't appear in all modes."

22” TROUBLESHOOTING TABLE

Power unit operation check.

↓

Are the power cord and harness in the unit properly connected?

NO → Connect the power cord and harness properly, and turn on the power.

LINE_FILTER_UNIT: ↓ YES

Is F901 F902 normal?

NO → LINE_FILTER_UNIT:
Isn't C908, RV901, L902, C900, C901, etc. out of order? Moreover, whether the short-circuit with the circumference circuit is checked.

POWER_UNIT ↓YES

Is BD901 (+320V) output?

NO → Does the circuit operate normally?
Check circuit around (BD901, Q903, ZD906, IC901, D901 etc).

↓YES

Is a voltage of +5.3V applied to pin (4,5) of connector (CN902)?

NO → Does the switching circuit operate normally?
Check circuit around the primary side (T901, ZD906, D901, D903, Q903, D904, IC901, Q901, D904 etc.), the secondary side (D905, L904, C921 etc.), the DC_DET circuit (IC902, ZD903, IC903, IC901, etc.), and the protection circuit.

↓YES

Is a voltage of +16V applied to pin (9,10) of connector (CN902)?

NO → Does the inverter circuit operate normally?
Check circuit around (D902, L903, C914, Q908, ZD902 etc.), and the protection circuit.

The sound is not emitted from the speaker though the picture has come out.

↓

No sound output in all modes?

TEREMINAL UNIT: ↓

Is the audio signal output of pin (U36)(AR3), (V37)(AL3) of IC U401 normal?

NO → Check IC U401 and its peripheral circuits.

↓YES

Is audio signal input to pin (4)(LINN), pin (11)(RINN) of IC U601 (AMP)?

NO → Check the line between IC U605 and IC U601.

↓YES

Is MUTE circuit [Shutdown, OFF_MUTE] normal?

NO → Check the Mute circuit. (Q601, Q602 etc.)

↓YES

Is the audio signal output of pin (3, 4) (L-ch) and pin (1, 2) (R-ch) of CN601 (AOUDIO-CONNECTOR) normal?

NO → Check IC U601 and its peripheral circuits.

↓YES

Check Speaker Box (right and left) and wire harness.

No sound (during the reception of TV broadcasting)

↓

Does not the sound go out though the picture has come out when TV is received?

MAIN UNIT: ↓

Is the IF signal output from pin (16) and pin (17) of TUNER (TU102)? → NO → Check the tuner and its peripheral circuits. Replace as required.

↓YES

Is the IF signal sent to pin (AH35) and pin (AH37) of IC U401? → NO → Check IC U401 its peripheral circuits.

↓YES

Refer to "No sound output in all modes".

No sound from external input devices (1)

↓

Does not the sound of the audio signal input to SCART1 go out?

TEREMINAL UNIT: ↓

Is the audio signal properly sent to pin (6)(SCT1_AUL_IN) and pin (2)(SCT1_AUR_IN) of SCART1 (CN151)? → NO → Check the setting of an external input device that connects of CN151

↓YES

Is the audio signal properly sent to pin (AA32) and pin (AB33) of IC U401? → NO → Check the line between CN151 and IC U401

↓YES

Refer to "No sound output in all modes".

No sound from external input devices (2)

↓

Does not the sound of the audio signal input to AV1 (Component) go out?

MAIN UNIT: ↓

Is the audio signal properly sent to pin (2)(AV1_AudioLIN) and pin (4)(AV1_AudioRIN) of CN116? → NO → Check the connection to CN116 and the external input device.

↓YES

Is the audio signal properly sent to pin (AD33) and pin (AC34) of IC U401? → NO → Check the line between CN116 and IC U401.

↓YES

Refer to "No sound output in all modes".

No sound from external input devices (3)

↓

Does not the sound of the audio signal input to AV3(Composite) go out?

MAIN UNIT: ↓

Is the audio signal properly sent to pin (4)(AV3_AudioLIN) and pin (6)(AV3_AudioRIN) of CN136?

NO → Check the connection to CN136 and the external input device.

↓YES

Is the audio signal properly sent to pin (AD35) and pin (AB35) of IC U401?

NO → Check the line between CN136 and IC U401.

↓YES

Refer to "No sound output in all modes".

No sound from external input devices (4)

↓

Does not the sound of the audio signal input to VGA go out?

MAIN UNIT: ↓

Is the audio signal properly sent to pin (2)(VGA_AudioLIN) and pin (3)(VGA_AudioRIN) of CN102?

NO → Check the connection to CN102 and the external input device.

↓YES

Is the audio signal properly sent to pin (AA36) and pin (Y37) of IC U401?

NO → Check the line between CN102 and IC U401.

↓YES

Refer to "No sound output in all modes".

No sound from external input devices (5)

↓

Does not the sound of the audio signal input to HDMI go out?

↓

Is picture of the signal input from HDMI displayed?

NO → Refer to "Does not the picture of the HDMI signal input to HDMI go out?".

↓YES

Refer to "No sound output in all modes".

The audio signal is not output (1)

↓

The audio signal of UHF/VHF is not output from SCART1.

TEREMINAL UNIT: ↓

Is audio signal output from IC U106 sent to pin (3)(SCT1_AUL_OUT) and pin(1)(SCT1_AUR_OUT) of SCART1(CN151)?

YES → Check the connection to SCART1 and external devices.

↓NO

Is audio signal output from IC U401 is sent to pin (2) (1IN-) and pin (6) (2IN-)of IC U106?

YES → Check the line between IC U401 and IC U106.

↓NO

Check IC U401 and its peripheral circuits.

The audio signal is not output (2)

↓

No audio signal output from LINE_AUDIO_OUTPUT terminal.

TEREMINAL UNIT: ↓

Is audio signal output from IC U107 sent to pin(4)(Audio_Line_Out_L) and pin (6)(Audio_Line_Out_R) of LINE_AUDIO_OUT connector(CN140)?

YES → Check the connection to LINE_AUDIO_OUT and external devices.

↓NO

Is audio signal output from IC U401 is sent to pin (2) (1IN-) and pin (6) (2IN-)of IC U107?

YES → Check the line between IC U401 and IC U107.

↓NO

Check IC U401 and its peripheral circuits.

The audio signal is not output (3)

↓

No audio signal output from SPDIF_OUTPUT terminal.

TEREMINAL UNIT: ↓

Is ASPDIF audio signal output from pin (K33) of IC U401 to pin (6) of connector CN116?

YES → Check the connection to SPDIF_OUT and external devices.

↓NO

Check IC U401 and its peripheral circuits.

The audio signal is not output (4)

↓

No sound from HEADPHONE_OUTPUT terminal.

MINI AV_UNIT: ↓

Is the HP_DET# signal input into pin (AE6) of IC U401 from pin (6) of a headphone terminal (CN602)?

NO → Check the connection to CN602 and external headphone is plug in well.

↓YES

Is the audio signal output from IC U602 to pin(2) (HPOUTL) and pin (3) (HPOUTR) of headphone terminal CN602?

NO → Check the line between IC U602 and CN602.

↓YES

Is the audio signal output from IC U401 pin(V35) and pin(U34) sent to pin(1)(INL-) and pin(4)(INR-) of IC U602?

NO → Check the line between IC U401 and IC U602.

↓YES

Check IC U401 and its peripheral circuits.

No picture on the display (1)

↓

The picture doesn't appear in all modes.

MAIN UNIT: ↓

Is LVDS signal output from 1st_channel and 2nd_channel of IC U401 in each mode?
(A0N/A0P),(A1N/A1P),(A2N/A2P),(A3N/A3P),(CK1N/CK1P)

↓NO

Check IC U401 and its peripheral control circuits.

YES

Is the above-mentioned LVDS signals output to connector CN408? NO → Check the line between IC U401 and CN408.

↓YES

Is LCD controller's control signal normal? NO → Control signals BRIGHT_ADJ, INVERTER_ON_OFF, PANEL_VCC_ON/OFF, and it peels off and whether normality is checked.

PANEL_UNIT: ↓YES

Similarly, is the LVDS signal input to connector of the panel module? NO → Wire harness is checked.

↓YES

Check the panel module.

No picture on the display (2)

↓

Does not the picture come out when TV (Antenna) is received?

TERMINAL UNIT: ↓

Is the voltage of regulation for a TUNER circuit and the power supply terminal of IC U401 supplied? NO → Each power supply circuit is checked.

↓YES

Is IF signal output from pin (16), (17) of TUNER (TU102) to pin (AH35), pin (AH37) of IC U401 ? NO → Check the tuner, IC U401 and their peripheral circuits. Replace as required.

MAIN_UNIT: ↓YES

Do X4150 (54.00MHz) oscillate? NO → Check X4150 and its peripheral circuits.

↓YES

Refer to “The picture doesn't appear in all modes.”

No picture on the display (3)

↓

Does not the picture come out when TV (Cable) is received?

TERMINAL UNIT: ↓

Is the voltage of regulation for a TUNER circuit and the power supply terminal of IC U401 supplied? — NO → Each power supply circuit is checked.

↓YES

Is IF signal output from pin (16), (17) of TUNER (TU102) to pin (29), pin (30) of IC U101 ? — NO → Check the tuner, IC U101 and their peripheral circuits. Replace as required.

↓YES

Is MPEG data (CI_INDATA0, TSYNC, TCK) signal from pin (11), (8) (9) of IC U101 are output to IC U401? — NO → Check IC U101 and their peripheral circuits. Replace as required.

MAIN_UNIT: ↓YES

Do X4150 (54.00MHz) oscillate? — NO → Check X4150 and its peripheral circuits.

↓YES

Refer to "The picture doesn't appear in all modes."

<External input SCART1>No picture on the display (4)

↓

Does not the picture of the CVBS signal input to SCART1 go out?

TERMINAL UNIT: ↓

Is CVBS signal sent to pin (20) of SCART1 (CN151)? — NO → Check the setting of an external input device that connects of CN151.

MAIN_UNIT: ↓YES

Is CVBS signal sent to pin (AP33) of IC U401? — NO → Check the line between IC U401 and CN151.

↓YES

Refer to "The picture doesn't appear in all modes."

<External input SCART1>No picture on the display (5)

↓

Does not the picture of the R/G/B video signal input to SCART1 go out?

TERMINAL UNIT: ↓

Is RGB signal sent to pin (15)/R, (11)/G, (7)/B, of SCART1 (CN151)? → NO → Check the setting of an external input device that connects of CN151.

MAIN_UNIT: ↓YES

Is RGB signal sent to pin (AU30)/R, (AP29)/G, (AR28)/B of IC U401? → NO → Check the line between IC U401 and CN151.

↓YES

Refer to "The picture doesn't appear in all modes."

<External input SCART1 >No picture on the display (6)

↓

Does not the picture of the Y/C signal input to SCART1 go out?

TERMINAL UNIT: ↓

Is Y/C signal sent to pin (20) and (15) of SCART1 (CN151)? → NO → Check the setting of an external input device that connects of CN151.

MAIN_UNIT: ↓YES

Is Y/C signal sent to pin (AP33)/Y, (AU30)/C of IC U401? → NO → Check the line between IC U401 and CN151.

↓YES

Refer to "The picture doesn't appear in all modes."

<External input AV3(Composite)>No picture on the display (6)

↓

Does not the picture of the composite video signal input to AV3(Composite) go out?

TERMINAL UNIT: ↓

Is CVBS signal sent to pin (2) of AV3 (CN136) ? → NO → Check the setting of an external input device that connects of CN136.

MAIN_UNIT: ↓YES

Is CVBS signal sent to pin (AU36) of IC U401? → NO → Check the line between IC U401 and CN136.

↓YES

Refer to "The picture doesn't appear in all modes."

<External input HDMI1>No picture on the display (7)

↓

Does not the picture of the HDMI signal input to HDMI1 go out?

MINI AV_UNIT: ↓

Is the HOT_PLUG detection function of pin (19) of a HDMI terminal (CN502) normal?

NO → Check the line between pin (AN16) of IC U401 and CN502.

↓

Check the connection and setup with the external HDMI devices.

YES ↓

Are EDID data pin (6)(SCL) of IC U503 (EEPROM), pin (5)(SDA) accessed, and is it read from pin (15), pin (16) of a HDMI terminal(CN502)?

NO → Is access possible in the re-writing or exchange of EDID data of IC U503?

↓NO

YES ↓

Check CN502, IC U503 and peripheral circuits.

Is TMDS signal input into pin(AP15, AT15)/RX2-2±,(AR14, AU14)/RX2-1±, (AP13, AT13)/RX2-0±, (AR12, AU12)/RX2-C± of IC U401?

NO → Check the line between IC U401 and CN502.

↓YES

Refer to "The picture doesn't appear in all modes."

<External input HDMI2>No picture on the display (8)

↓

Does not the picture of the HDMI signal input to HDMI2 go out?

MINI AV_UNIT: ↓

Is the HOT_PLUG detection function of pin (19) of a HDMI terminal (CN505) normal?

NO → Check the line between pin (AL18) of IC U401 and CN505.

↓

Check the connection and setup with the external HDMI devices.

YES ↓

Are EDID data pin (6)(SCL) of IC U504 (EEPROM), pin (5)(SDA) accessed, and is it read from pin (15), pin (16) of a HDMI terminal(CN505)?

NO → Is access possible in the re-writing or exchange of EDID data of IC U504?

↓NO

YES ↓

Check CN505, IC U504 and peripheral circuits.

Is TMDS signal input into pin(AP19, AT19)/RX3-2±,(AR18, AU18)/RX3-1±, (AP17, AT17)/RX3-0±, (AR16, AU16)/RX3-C± of IC U401?

NO → Check the line between IC U401 and CN505.

↓YES

Refer to "The picture doesn't appear in all modes."

<External input VGA>No picture on the display (9)

↓

Does not the picture of the PC IN(ANALOG) video signal input to VGA(15pin-D-SUB terminal) go out?

TERMINAL_UNIT: ↓

Is R/G/B/H/V signal sent to pin (1)/R, (2)/G, (3)/B, (14)/H, (13)/V of VGA (CN101)?

NO → Check the setting of an external input device that connects of CN101.

MAIN_UNIT: ↓YES

Is R/G/B/H/V signal sent to pin (AT25)/R, (AU24)/G, (AT23)/B, (AR22)/H, (AU22)/V of IC U401?

NO → Check the line between IC U401 and CN101.

↓YES

Refer to "The picture doesn't appear in all modes."

<External input AV1(Component)>No picture on the display (10)

↓

Does not the picture of the component video signal input to Component go out?

TERMINAL_UNIT: ↓

Is Component Y/Pb/Pr signal sent to pin (2)/Y, (4)/Pb, (6)/Pr of AV1(CN111) ?

NO → Check the setting of an external input device that connects of CN111.

MAIN_UNIT: ↓YES

Is Component Y/Pb/Pr signal sent to pin (AU26)/Y, (AT27)/Pb, (AP27)/Pr of IC U401?

NO → Check the line between IC U401 and CN111.

↓YES

Refer to "The picture doesn't appear in all modes."

< During external connection > No picture on the monitor (1)

↓

No picture appears on SCART1 - connected monitor during the tuner (U/V) reception.

↓

Checklist:
1) Is the Signal Type (item) in MENU-Option-Input Select equal to Signal Type of an external device? …Set it to "CVBS", "Y/C", "RGB", "AUTO".
2) Is ANT-CABLE disconnected or connected improperly? …Connect it correctly as per the operation manual.
3) The picture is sent to the monitor in a CVBS signal if the source during display is ATV/DTV, CVBS or Y/C of SCART1, AV3.
   When sent by component, etc., that signal is not sent to the monitor.
4) When the monitor picture is not sent and is not displayed on the monitor, refer to "No picture" for each terminal.
5) The video output from SCART1 is not the monitor output (output of the picture now watching).
   The picture of the last selected TV channel is always sent to SCART1. (Specification)

TERMINAL_UNIT: ↓

Is CVBS signal output into pin (19) of CN151 (SCART1)?

YES → Check the setting of an external input device that connects of CN151.

↓NO

Is U401 pin (AT31) CVBS signal output into pin (19) of CN151 (SCART1)?

YES → Check the line between CN151 and U401.

↓NO

Refer to "The picture doesn't appear in all modes."

< During external connection > No picture on the monitor (2)

AVOUT: ↓

No picture from SCART1 appears on AVOUT-connected monitor.
NOTE: Normally, if the screen during display is sent to SCART1, no picture is sent to AVOUT.

↓

Checklist:
1) Is the Signal Type (item) in MENU-Option-Input Select equal to Signal Type of an external device? …Set it to "CVBS", "Y/C", "AUTO".
2) The picture is sent to the monitor in a CVBS signal if the source during display is TV, CVBS or Y/C of SCART1, AV3.
   When sent by component, etc., that signal is not sent to the monitor.
3) When the monitor picture is not sent and is not displayed on the monitor, refer to "No picture" for each terminal.
4) The video output from SCART1 is not the monitor output (output of the picture now watching).
   The picture of the last selected TV channel is always sent to SCART1. (Specification)

TERMINAL_UNIT: ↓

Is CVBS signal output into pin (2) of CN140?

YES → Check the setting of an external input device that connects of CN140.

↓NO

Is CVBS signal output from pin (AP31) of IC U401 into pin (2) of CN140 ?

YES → Check the line between CN140 and IC U401.

↓NO

Refer to "The picture doesn't appear in all modes."

26” TROUBLESHOOTING TABLE

Power unit operation check.

↓

Are the power cord and harness in the unit properly connected?

NO → Connect the power cord and harness properly, and turn on the power.

LINE_FILTER_UNIT: ↓ YES

Is F901 F902 normal?

NO → LINE_FILTER_UNIT:
Isn't C914, RV901, RV902, L903, L905, C937, C900, C920, etc. out of order? Moreover, whether the short-circuit with the circumference circuit is checked.

POWER_UNIT ↓YES

Is BD901 (+320V) output?

NO → Does the circuit operate normally?
Check circuit around (BD901, Q905, ZD906, IC901, D902 etc).

↓YES

Is a voltage of +5.3V applied to pin (12,13) of connector (CN905)?

NO → Does the switching circuit operate normally?
Check circuit around the primary side (T901, ZD906, D902, D905, Q905, D904, IC901, Q901, ZD904 etc.), the secondary side (D903, L902, C911 etc.), the DC_DET circuit (IC902, ZD903, IC903, IC901, etc.), and the protection circuit.

↓YES

Is a voltage of +24V applied to pin (1,2,3,4,5) of connector (CN903)?

NO → Does the inverter circuit operate normally?
Check circuit around (D901, L901, C908, Q903, ZD902 etc.), and the protection circuit.

↓YES

Is a voltage of +24V applied to pin (9,10) of connector (CN905)?

NO → Does the inverter circuit operate normally?
Check circuit around (D983, C956, FB985, etc.), and the protection circuit.

↓YES

Is a voltage of +12V applied to pin (4,5) of connector (CN905)?

NO → Does the inverter circuit operate normally?
Check circuit around (D985, IC905, D907, L904, C927 etc.), and the protection circuit.

The sound is not emitted from the speaker though the picture has come out.

↓

No sound output in all modes?

TEREMINAL UNIT: ↓

Is the audio signal output of pin (U36)(AR3), (V37)(AL3) of IC U401 normal?

NO → Check IC U401 and its peripheral circuits.

↓YES

Is audio signal input to pin (4)(LINN), pin (11)(RINN) of IC U601 (AMP)?

NO → Check the line between IC U605 and IC U601.

↓YES

Is MUTE circuit [Shutdown, OFF_MUTE] normal?

NO → Check the Mute circuit. (Q601, Q602 etc.)

↓YES

Is the audio signal output of pin (3, 4) (L-ch) and pin (1, 2) (R-ch) of CN601 (AOUDIO-CONNECTOR) normal?

NO → Check IC U601 and its peripheral circuits.

↓YES

Check Speaker Box (right and left) and wire harness.

No sound (during the reception of TV broadcasting)

↓

Does not the sound go out though the picture has come out when TV is received?

MAIN UNIT: ↓

Is the IF signal output from pin (16) and pin (17) of TUNER (TU102)?

NO → Check the tuner and its peripheral circuits. Replace as required.

↓YES

Is the IF signal sent to pin (AH35) and pin (AH37) of IC U401?

NO → Check IC U401 its peripheral circuits.

↓YES

Refer to "No sound output in all modes".

No sound from external input devices (1)

↓

Does not the sound of the audio signal input to SCART1 go out?

TEREMINAL UNIT: ↓

Is the audio signal properly sent to pin (6)(SCT1_AUL_IN) and pin (2)(SCT1_AUR_IN) of SCART1 (CN151)?

NO → Check the setting of an external input device that connects of CN151

↓YES

Is the audio signal properly sent to pin (AA32) and pin (AB33) of IC U401?

NO → Check the line between CN151 and IC U401

↓YES

Refer to "No sound output in all modes".

No sound from external input devices (2)

↓

Does not the sound of the audio signal input to AV1 (Component) go out?

MAIN UNIT: ↓

Is the audio signal properly sent to pin (2)(AV1_AudioLIN) and pin (4)(AV1_AudioRIN) of CN116?

NO → Check the connection to CN116 and the external input device.

↓YES

Is the audio signal properly sent to pin (AD33) and pin (AC34) of IC U401?

NO → Check the line between CN116 and IC U401.

↓YES

Refer to "No sound output in all modes".

No sound from external input devices (3)

↓

Does not the sound of the audio signal input to AV3(Composite) go out?

MAIN UNIT: ↓

Is the audio signal properly sent to pin (4)(AV3_AudioLIN) and pin (6)(AV3_AudioRIN) of CN136?

NO → Check the connection to CN136 and the external input device.

↓YES

Is the audio signal properly sent to pin (AD35) and pin (AB35) of IC U401?

NO → Check the line between CN136 and IC U401.

↓YES

Refer to "No sound output in all modes".

No sound from external input devices (4)

↓

Does not the sound of the audio signal input to VGA go out?

MAIN UNIT: ↓

Is the audio signal properly sent to pin (2)(VGA_AudioLIN) and pin (3)(VGA_AudioRIN) of CN102?

NO → Check the connection to CN102 and the external input device.

↓YES

Is the audio signal properly sent to pin (AA36) and pin (Y37) of IC U401?

NO → Check the line between CN102 and IC U401.

↓YES

Refer to "No sound output in all modes".

No sound from external input devices (5)

↓

Does not the sound of the audio signal input to HDMI go out?

↓

Is picture of the signal input from HDMI displayed?

NO → Refer to "Does not the picture of the HDMI signal input to HDMI go out?".

↓YES

Refer to "No sound output in all modes".

The audio signal is not output (1)

↓

The audio signal of UHF/VHF is not output from SCART1.

TEREMINAL UNIT: ↓

Is audio signal output from IC U106 sent to pin (3)(SCT1_AUL_OUT) and pin(1)(SCT1_AUR_OUT) of SCART1(CN151)?

YES → Check the connection to SCART1 and external devices.

↓NO

Is audio signal output from IC U401 is sent to pin (2) (1IN-) and pin (6) (2IN-)of IC U106?

YES → Check the line between IC U401 and IC U106.

↓NO

Check IC U401 and its peripheral circuits.

The audio signal is not output (2)

↓

No audio signal output from LINE_AUDIO_OUTPUT terminal.

TEREMINAL UNIT: ↓

Is audio signal output from IC U107 sent to pin(4)(Audio_Line_Out_L) and pin (6)(Audio_Line_Out_R) of LINE_AUDIO_OUT connector(CN140)?

YES → Check the connection to LINE_AUDIO_OUT and external devices.

↓NO

Is audio signal output from IC U401 is sent to pin (2) (1IN-) and pin (6) (2IN-)of IC U107?

YES → Check the line between IC U401 and IC U107.

↓NO

Check IC U401 and its peripheral circuits.

The audio signal is not output (3)

↓

No audio signal output from SPDIF_OUTPUT terminal.

TEREMINAL UNIT: ↓

Is ASPDIF audio signal output from pin (K33) of IC U401 to pin (6) of connector CN116?

YES → Check the connection to SPDIF_OUT and external devices.

↓NO

Check IC U401 and its peripheral circuits.

The audio signal is not output (4)

↓

No sound from HEADPHONE_OUTPUT terminal.

MINI AV_UNIT: ↓

Is the HP_DET# signal input into pin (AE6) of IC U401 from pin (6) of a headphone terminal (CN602)?

NO → Check the connection to CN602 and external headphone is plug in well.

↓YES

Is the audio signal output from IC U602 to pin(2) (HPOUTL) and pin (3) (HPOUTR) of headphone terminal CN602?

NO → Check the line between IC U602 and CN602.

↓YES

Is the audio signal output from IC U401 pin(V35) and pin(U34) sent to pin(1)(INL-) and pin(4)(INR-) of IC U602?

NO → Check the line between IC U401 and IC U602.

↓YES

Check IC U401 and its peripheral circuits.

No picture on the display (1)

↓

The picture doesn't appear in all modes.

MAIN UNIT: ↓

Is LVDS signal output from 1st_channel and 2nd_channel of IC U401 in each mode?
(A0N/A0P),(A1N/A1P),(A2N/A2P),(A3N/A3P),(CK1N/CK1P)

↓NO → Check IC U401 and its peripheral control circuits.

↓YES

Is the above-mentioned LVDS signals output to connector CN408? NO → Check the line between IC U401 and CN408.

↓YES

Is LCD controller's control signal normal? NO → Control signals BRIGHT_ADJ, INVERTER_ON_OFF, PANEL_VCC_ON/OFF, and it peels off and whether normality is checked.

PANEL_UNIT: ↓YES

Similarly, is the LVDS signal input to connector of the panel module? NO → Wire harness is checked.

↓YES

Check the panel module.

No picture on the display (2)

↓

Does not the picture come out when TV (Antenna) is received?

TERMINAL UNIT: ↓

Is the voltage of regulation for a TUNER circuit and the power supply terminal of IC U401 supplied? NO → Each power supply circuit is checked.

↓YES

Is IF signal output from pin (16), (17) of TUNER (TU102) to pin (AH35), pin (AH37) of IC U401 ? NO → Check the tuner, IC U401 and their peripheral circuits. Replace as required.

MAIN_UNIT: ↓YES

Do X4150 (54.00MHz) oscillate? NO → Check X4150 and its peripheral circuits.

↓YES

Refer to “The picture doesn't appear in all modes.”

No picture on the display (3)

↓

Does not the picture come out when TV (Cable) is received?

TERMINAL UNIT: ↓

Is the voltage of regulation for a TUNER circuit and the power supply terminal of IC U401 supplied? — NO → Each power supply circuit is checked.

↓YES

Is IF signal output from pin (16), (17) of TUNER (TU102) to pin (29), pin (30) of IC U101 ? — NO → Check the tuner, IC U101 and their peripheral circuits. Replace as required.

↓YES

Is MPEG data (CI_INDATA0, TSYNC, TCK) signal from pin (11), (8) (9) of IC U101 are output to IC U401? — NO → Check IC U101 and their peripheral circuits. Replace as required.

MAIN_UNIT: ↓YES

Do X4150 (54.00MHz) oscillate? — NO → Check X4150 and its peripheral circuits.

↓YES

Refer to "The picture doesn't appear in all modes."

<External input SCART1>No picture on the display (4)

↓

Does not the picture of the CVBS signal input to SCART1 go out?

TERMINAL UNIT: ↓

Is CVBS signal sent to pin (20) of SCART1 (CN151)? — NO → Check the setting of an external input device that connects of CN151.

MAIN_UNIT: ↓YES

Is CVBS signal sent to pin (AP33) of IC U401? — NO → Check the line between IC U401 and CN151.

↓YES

Refer to "The picture doesn't appear in all modes."

<External input SCART1>No picture on the display (5)

↓

Does not the picture of the R/G/B video signal input to SCART1 go out?

TERMINAL UNIT: ↓

Is RGB signal sent to pin (15)/R, (11)/G, (7)/B, of SCART1 (CN151)? —NO→ Check the setting of an external input device that connects of CN151.

MAIN_UNIT: ↓YES

Is RGB signal sent to pin (AU30)/R, (AP29)/G, (AR28)/B of IC U401? —NO→ Check the line between IC U401 and CN151.

↓YES

Refer to "The picture doesn't appear in all modes."

<External input SCART1 >No picture on the display (6)

↓

Does not the picture of the Y/C signal input to SCART1 go out?

TERMINAL UNIT: ↓

Is Y/C signal sent to pin (20) and (15) of SCART1 (CN151)? —NO→ Check the setting of an external input device that connects of CN151.

MAIN_UNIT: ↓YES

Is Y/C signal sent to pin (AP33)/Y, (AU30)/C of IC U401? —NO→ Check the line between IC U401 and CN151.

↓YES

Refer to "The picture doesn't appear in all modes."

<External input AV3(Composite)>No picture on the display (6)

↓

Does not the picture of the composite video signal input to AV3(Composite) go out?

TERMINAL UNIT: ↓

Is CVBS signal sent to pin (2) of AV3 (CN136) ? —NO→ Check the setting of an external input device that connects of CN136.

MAIN_UNIT: ↓YES

Is CVBS signal sent to pin (AU36) of IC U401? —NO→ Check the line between IC U401 and CN136.

↓YES

Refer to "The picture doesn't appear in all modes."

<External input HDMI1>No picture on the display (7)

↓

Does not the picture of the HDMI signal input to HDMI1 go out?

MINI AV_UNIT: ↓

Is the HOT_PLUG detection function of pin (19) of a HDMI terminal (CN502) normal?

NO → Check the line between pin (AN16) of IC U401 and CN502.

↓

Check the connection and setup with the external HDMI devices.

YES ↓

Are EDID data pin (6)(SCL) of IC U503 (EEPROM), pin (5)(SDA) accessed, and is it read from pin (15), pin (16) of a HDMI terminal(CN502)?

NO → Is access possible in the re-writing or exchange of EDID data of IC U503?

↓NO

YES ↓

Check CN502, IC U503 and peripheral circuits.

Is TMDS signal input into pin(AP15, AT15)/RX2-2±,(AR14, AU14)/RX2-1±, (AP13, AT13)/RX2-0±, (AR12, AU12)/RX2-C± of IC U401?

NO → Check the line between IC U401 and CN502.

↓YES

Refer to "The picture doesn't appear in all modes."

<External input HDMI2>No picture on the display (8)

↓

Does not the picture of the HDMI signal input to HDMI2 go out?

MINI AV_UNIT: ↓

Is the HOT_PLUG detection function of pin (19) of a HDMI terminal (CN505) normal?

NO → Check the line between pin (AL18) of IC U401 and CN505.

↓

Check the connection and setup with the external HDMI devices.

YES ↓

Are EDID data pin (6)(SCL) of IC U504 (EEPROM), pin (5)(SDA) accessed, and is it read from pin (15), pin (16) of a HDMI terminal(CN505)?

NO → Is access possible in the re-writing or exchange of EDID data of IC U504?

↓NO

Check CN505, IC U504 and peripheral circuits.

YES ↓

Is TMDS signal input into pin(AP19, AT19)/RX3-2±,(AR18, AU18)/RX3-1±, (AP17, AT17)/RX3-0±, (AR16, AU16)/RX3-C± of IC U401?

NO → Check the line between IC U401 and CN505.

↓YES

Refer to "The picture doesn't appear in all modes."

<External input VGA>No picture on the display (9)

↓

Does not the picture of the PC IN(ANALOG) video signal input to VGA(15pin-D-SUB terminal) go out?

TERMINAL_UNIT: ↓

Is R/G/B/H/V signal sent to pin (1)/R, (2)/G, (3)/B, (14)/H, (13)/V of VGA (CN101)?

NO → Check the setting of an external input device that connects of CN101.

MAIN_UNIT: ↓YES

Is R/G/B/H/V signal sent to pin (AT25)/R, (AU24)/G, (AT23)/B, (AR22)/H, (AU22)/V of IC U401?

NO → Check the line between IC U401 and CN101.

↓YES

Refer to "The picture doesn't appear in all modes."

<External input AV1(Component)>No picture on the display (10)

↓

Does not the picture of the component video signal input to Component go out?

TERMINAL_UNIT: ↓

Is Component Y/Pb/Pr signal sent to pin (2)/Y, (4)/Pb, (6)/Pr of AV1(CN111) ?

NO → Check the setting of an external input device that connects of CN111.

MAIN_UNIT: ↓YES

Is Component Y/Pb/Pr signal sent to pin (AU26)/Y, (AT27)/Pb, (AP27)/Pr of IC U401?

NO → Check the line between IC U401 and CN111.

↓YES

Refer to ‘‘The picture doesn't appear in all modes.’’

< During external connection > No picture on the monitor (1)

↓

No picture appears on SCART1 - connected monitor during the tuner (U/V) reception.

↓

Checklist:
1) Is the Signal Type (item) in MENU-Option-Input Select equal to Signal Type of an external device? …Set it to "CVBS", "Y/C", "RGB", "AUTO".
2) Is ANT-CABLE disconnected or connected improperly? …Connect it correctly as per the operation manual.
3) The picture is sent to the monitor in a CVBS signal if the source during display is ATV/DTV, CVBS or Y/C of SCART1, AV3.
   When sent by component, etc., that signal is not sent to the monitor.
4) When the monitor picture is not sent and is not displayed on the monitor, refer to "No picture" for each terminal.
5) The video output from SCART1 is not the monitor output (output of the picture now watching).
   The picture of the last selected TV channel is always sent to SCART1. (Specification)

TERMINAL_UNIT: ↓

Is CVBS signal output into pin (19) of CN151 (SCART1)? → YES → Check the setting of an external input device that connects of CN151.

↓NO

Is U401 pin (AT31) CVBS signal output into pin (19) of CN151 (SCART1)? → YES → Check the line between CN151 and U401.

↓NO

Refer to "The picture doesn't appear in all modes."

< During external connection > No picture on the monitor (2)

AVOUT: ↓

No picture from SCART1 appears on AVOUT-connected monitor.
NOTE: Normally, if the screen during display is sent to SCART1, no picture is sent to AVOUT.

↓

Checklist:
1) Is the Signal Type (item) in MENU-Option-Input Select equal to Signal Type of an external device? …Set it to "CVBS", "Y/C", "AUTO".
2) The picture is sent to the monitor in a CVBS signal if the source during display is TV, CVBS or Y/C of SCART1, AV3.
   When sent by component, etc., that signal is not sent to the monitor.
3) When the monitor picture is not sent and is not displayed on the monitor, refer to "No picture" for each terminal.
4) The video output from SCART1 is not the monitor output (output of the picture now watching).
   The picture of the last selected TV channel is always sent to SCART1. (Specification)

TERMINAL_UNIT: ↓

Is CVBS signal output into pin (2) of CN140? → YES → Check the setting of an external input device that connects of CN140.

↓NO

Is CVBS signal output from pin (AP31) of IC U401 into pin (2) of CN140 ? → YES → Check the line between CN140 and IC U401.

↓NO

Refer to "The picture doesn't appear in all modes."

32” TROUBLESHOOTING TABLE

Power unit operation check.

↓

Are the power cord and harness in the unit properly connected?

NO → Connect the power cord and harness properly, and turn on the power.

LINE_FILTER_UNIT: ↓ YES

Is F901/F902 normal?

NO → LINE_FILTER_UNIT:
Isn't RV901,C901,L901,C904,C902,C903,L902,RV903, etc. out of order? Moreover, whether the short-circuit with the circumference circuit is checked.

POWER_UNIT:
BD901, FB905, C910, etc. out of order?
Moreover, whether the short-circuit with the circumference circuit is checked.

POWER_UNIT ↓YES

Is BD901 (+320V) output? (Set the main power SW to OFF.)

NO → Does the PFC circuit operate normally?
(L906, Q901, D902, D903, IC901 and etc. And, the circuit around the protection circuit etc. is checked.)

↓YES

Is a voltage of +5V applied to pin (12,13) of connector (CN902)? (Set the main power SW to OFF.)

NO → Does the switching circuit operate normally?
Check circuit around the primary side (T901, IC931, Q931, ZD931, ZD930, ZD980, ZD981, etc.), the secondary side (D935, L980, etc.), the AC_DET circuit (IC932, IC982, etc.), and the protection circuit.

↓YES

Are +24V output as for the power on/off switch when it is on?

NO → Does the inverter circuit operate normally?
Check circuit around the primary side (T902,Q951,Q952,IC951, D951,D952, etc.), the secondary side (D955, C943, etc.), and the protection circuit.

↓YES

Are +60V output as for the power on/off switch when it is on?

NO → Does the inverter circuit operate normally?
Check circuit around the second side (L907, Q991, D985, IC902, Q903 etc.)

↓YES

Similarly, is +12V output as for the power on/off switch when it is on?

NO → Check +12V circuit of D962, L931, etc.

The sound is not emitted from the speaker though the picture has come out.

↓

No sound output in all modes?

TEREMINAL UNIT: ↓

Is the audio signal output of pin U36 (AR3), V37 (AL3) of IC U401 normal?

NO → Check IC U401 and its peripheral circuits.

↓YES

Is audio signal input to pin (4)(L), pin (11)(R) of IC U601 (AMP)?

NO → Check the line between IC U605 and IC U601.

↓YES

Is MUTE circuit [Shutdown, OFF_MUTE] normal?

NO → Check the Mute circuit. (Q601, Q602 etc.)

↓YES

Is the audio signal output of pin (3, 4) (L-ch) and pin (1, 2) (R-ch) of CN601 (AOUDIO-CONNECTOR) normal?

NO → Check IC U601 and its peripheral circuits.

↓YES

Check Speaker Box (right and left) and wire harness.

No sound (during the reception of TV (DIGITAL) broadcasting)

↓

Does not the sound go out though the picture has come out when TV is received?

MAIN UNIT: ↓

Is the IF signal output from pin (16) and pin (17) of TUNER (TU102)? — NO → Check the tuner and its peripheral circuits. Replace as required.

↓YES

Is the IF signal sent to pin (AH35) and pin (AH37) of IC U401? — NO → Check IC U401 its peripheral circuits.

↓YES

Refer to "No sound output in all modes".

No sound from external input devices (1)

↓

Does not the sound of the audio signal input to SCART1 go out?

TEREMINAL UNIT: ↓

Is the audio signal properly sent to pin (6) (SCT1_AUL_IN) and pin (2) (SCT1_AUR_IN) of SCART1 (CN151)? — NO → Check the setting of an external input device that connects of CN151

↓YES

Is the audio signal properly sent to pin (AA32) and pin (AB33) of IC U401? — NO → Check the line between CN151 and IC U401

↓YES

Refer to "No sound output in all modes".

No sound from external input devices (2)

↓

Does not the sound of the audio signal input to SCART2 go out?

TEREMINAL UNIT: ↓

Is the audio signal properly sent to pin (6) (SCT2_AUL_IN) and pin (2) (SCT2_AUR_IN) of SCART2 (CN152)? — NO → Check the setting of an external input device that connects of CN152

↓YES

Is the audio signal properly sent to pin (AC36) and pin (AB37) of IC U401? — NO → Check the line between CN152 and IC U401

↓YES

Refer to "No sound output in all modes".

No sound from external input devices (3)

↓

Does not the sound of the audio signal input to AV1 (Component) go out?

MAIN UNIT: ↓

Is the audio signal properly sent to pin (8) (YPbPrL_IN) and pin (10) (YPbPrR_IN) of CN111? — NO → Check the connection to CN111 and the external input device.

↓YES

Is the audio signal properly sent to pin (AD33) and pin (AC34) of IC U401? — NO → Check the line between CN111 and IC U401.

↓YES

Refer to "No sound output in all modes".

No sound from external input devices (4)

↓

Does not the sound of the audio signal input to AV3(Composite) go out?

MAIN UNIT: ↓

Is the audio signal properly sent to pin (4) (AV3_AudioLIN) and pin (6) (AV3_AudioRIN) of CN136? — NO → Check the connection to CN136 and the external input device.

↓YES

Is the audio signal properly sent to pin (AD35) and pin (AB35) of IC U401? — NO → Check the line between CN136 and IC U401.

↓YES

Refer to "No sound output in all modes".

No sound from external input devices (4)

↓

Does not the sound of the audio signal input to VGA go out?

MAIN UNIT: ↓

Is the audio signal properly sent to pin (2) (VGA_AudioLIN) and pin (3) (VGA_AudioRIN) of CN102? — NO → Check the connection to CN102 and the external input device.

↓YES

Is the audio signal properly sent to pin (AA36) and pin (Y37) of IC U401? — NO → Check the line between CN102 and IC U401.

↓YES

Refer to "No sound output in all modes".

No sound from external input devices (5)

↓

Does not the sound of the audio signal input to HDMI1/2/3 go out?

↓

Is picture of the signal input from HDMI1/2/3 displayed?

NO → Refer to "Does not the picture of the HDMI signal input to HDMI1/2/3 go out?".

↓YES

Refer to "No sound output in all modes".

The audio signal is not output (1)

↓

The audio signal of UHF/VHF is not output from SCART1.

TEREMINAL UNIT: ↓

Is audio signal output from IC U106 sent to pin (3)(SCT1_AUL_OUT) and pin(1)(SCT1_AUR_OUT) of SCART1(CN151)?

YES → Check the connection to SCART1 and external devices.

↓NO

Is audio signal output from IC U401 is sent to pin (2)(1IN-) and pin (6)(2IN-)of IC U106?

YES → Check the line between IC U401 and IC U106.

↓NO

Check IC U401 and its peripheral circuits.

The audio signal is not output (2)

↓

The audio signal of UHF/VHF/MONITOR is not output from SCART2.

TEREMINAL UNIT: ↓

Is audio signal output from IC U605 sent to pin(3)(SCT2_AUL_OUT) and pin(1)(SCT2_AUR_OUT) of

YES → Check the connection to SCART2 and external devices.

↓NO

Is audio signal output from IC U401 is sent to pin (2)(1IN-) and pin (6)(2IN-)of IC U107?

YES → Check the line between IC U401 and IC U107

↓NO

Check IC U401 and its peripheral circuits.

The audio signal is not output (3)

↓

No audio signal output from LINE_AUDIO_OUTPUT terminal.

TEREMINAL UNIT: ↓

Is audio signal output from IC U107 sent to pin(4) (Audio_Line_Out_L) and pin (6) (Audio_Line_Out_R) of LINE_AUDIO_OUT connector(CN140)?

YES → Check the connection to LINE_AUDIO_OUT and external devices.

↓NO

Is audio signal output from IC U401 is sent to pin (2)(1IN-) and pin (6)(2IN-)of IC U107?

YES → Check the line between IC U401 and IC U107.

↓NO

Check IC U401 and its peripheral circuits.

The audio signal is not output (4)

↓

No audio signal output from SPDIF_OUTPUT terminal.

TEREMINAL UNIT:

Is ASPDIF audio signal output from pin (K33) of IC U401 to pin (2) of connector CN603?

YES → Check the connection to SPDIF_OUT and external devices.

↓NO

Check IC U401 and its peripheral circuits.

The audio signal is not output (5)

↓

No sound from HEADPHONE_OUTPUT terminal.

MINI AV_UNIT: ↓

Is the HP_DET# signal input into pin (AE6) of IC U401 from pin (6) of a headphone terminal (CN602)?

NO → Check the connection to CN602 and external headphone is plug in well.

↓YES

Is the audio signal output from IC U602 to pin(2) (HPOUTL) and pin (3) (HPOUTR) of headphone terminal CN602?

NO → Check the line between IC U602 and CN602.

↓YES

Is the audio signal output from IC U401 pin(V35) and pin(U34) sent to pin(1)(INL-) and pin(4)(INR-) of IC U602?

NO → Check the line between IC U401 and IC U602.

↓YES

Check IC U401 and its peripheral circuits.

No picture on the display (1)

↓

The picture doesn't appear in all modes.

MAIN UNIT:

Is LVDS signal output from 1st_channel and 2nd_channel of IC U401 in each mode? (A0N/A0P),(A1N/A1P),(A2N/A2P),(A3N/A3P),(CK1N/CK1P)

↓NO → Check IC U401 and its peripheral control circuits.

↓YES

Is the above-mentioned LVDS signals output to connector CN408? NO → Check the line between IC U401 and CN408.

↓YES

Is LCD controller's control signal normal? NO → Control signals BRIGHT_ADJ, INVERTER_ON_OFF, PANEL_VCC_ON/OFF, and it peels off and whether normality is checked.

MEMC_UNIT: ↓YES

Similarly, is the LVDS signal input to connector CN405 of the MEMC module? NO → Wire harness is checked.

↓YES

Check is the LVDS signal out from the connector CN406, CN407 of MEMC module. NO → Check IC U404 and its peripheral circuits.

PANEL_UNIT: ↓YES

Similarly, is the LVDS signal input to connector of the panel module? NO → Wire harness is checked.(MEMC module to Panel module)

↓YES

Check the panel module.

No picture on the display (2)

↓

Does not the picture come out when TV (Antenna) is received?

TERMINAL UNIT: ↓

Is the voltage of regulation for a TUNER circuit and the power supply terminal of IC U401 supplied? NO → Each power supply circuit is checked.

↓YES

Is IF signal output from pin (16), (17) of TUNER (TU102) to pin (AH35), pin (AH37) of IC U401? NO → Check the tuner, IC U401 and their peripheral circuits. Replace as required.

MAIN_UNIT: ↓YES

Do X4150 (54.00MHz) oscillate? NO → Check X4150 and its peripheral circuits.

↓YES

Refer to “The picture doesn't appear in all modes.”

No picture on the display (3)

↓

Does not the picture come out when TV (Cable) is received?

TERMINAL UNIT: ↓

Is the voltage of regulation for a TUNER circuit and the power supply terminal of IC U401 supplied?

NO → Each power supply circuit is checked.

↓YES

Is IF signal output from pin (16), (17) of TUNER (TU102) to pin (29), pin (30) of IC U101?

NO → Check the tuner, IC U101 and their peripheral circuits. Replace as required.

↓YES

Is MPEG data (CI_INDATA0, TSYNC, TCK) signal from pin (11), (8) (9) of IC U101 are output to IC U401?

NO → Check IC U101 and their peripheral circuits. Replace as required.

MAIN_UNIT: ↓YES

Do X4150 (54.00MHz) oscillate?

NO → Check X4150 and its peripheral circuits.

↓YES

Refer to "The picture doesn't appear in all modes."

<External input SCART1, SCART2>No picture on the display (4)

↓

Does not the picture of the CVBS signal input to SCART1 go out?

Does not the picture of the CVBS signal input to SCART2 go out?

TERMINAL UNIT: ↓

Is CVBS signal sent to pin (20) of SCART1 (CN151)?

NO → Check the setting of an external input device that connects of CN151.

Is CVBS signal sent to pin (20) of SCART2 (CN152)?

NO → Check the setting of an external input device that connects of CN152.

MAIN_UNIT: ↓YES

Is CVBS signal sent to pin (AP33) of IC U401?

NO → Check the line between IC U401 and CN151.

Is CVBS signal sent to pin (AT33) of IC U401?

NO → Check the line between IC U401 and CN152.

↓YES

Refer to "The picture doesn't appear in all modes."

<External input SCART1>No picture on the display (5)

↓

Does not the picture of the R/G/B video signal input to SCART1 go out?

TERMINAL UNIT: ↓

Is RGB signal sent to pin (15)/R, (11)/G, (7)/B, of SCART1 (CN151)? — NO → Check the setting of an external input device that connects of CN151.

MAIN_UNIT: ↓YES

Is RGB signal sent to pin (AU30)/R, (AP29)/G, (AR28)/B of IC U401? — NO → Check the line between IC U401 and CN151.

↓YES

Refer to "The picture doesn't appear in all modes."

<External input SCART1, SCART2>No picture on the display (6)

↓

Does not the picture of the Y/C signal input to SCART1 go out?

Does not the picture of the Y/C signal input to SCART2 go out?

TERMINAL UNIT: ↓

Is Y/C signal sent to pin (20) and (15) of SCART1 (CN151)? — NO → Check the setting of an external input device that connects of CN151.

Is Y/C signal sent to pin (20) and (15) of SCART2 (CN152)? — NO → Check the setting of an external input device that connects of CN152.

MAIN_UNIT: ↓YES

Is Y/C signal sent to pin (AP33)/Y, (AU30)/C of IC U401? — NO → Check the line between IC U401 and CN151.

Is Y/C signal sent to pin (AT33)/Y, (AR34)/C of IC U401? — NO → Check the line between IC U401 and CN152.

↓YES

Refer to "The picture doesn't appear in all modes."

<External input AV3>No picture on the display (7)

↓

Does not the picture of the composite video signal input to AV3(Composite) go out?

TERMINAL UNIT: ↓

Is CVBS signal sent to pin (2) of AV3 (CN136)? — NO → Check the setting of an external input device that connects of CN136.

MAIN_UNIT: ↓YES

Is CVBS signal sent to pin (AU36) of IC U401? — NO → Check the line between IC U401 and CN136.

↓YES

Refer to "The picture doesn't appear in all modes."

<External input HDMI1,2,3>No picture on the display (8)

↓

Does not the picture of the HDMI signal input to HDMI1 go out?

MINI AV_UNIT: ↓

Is the HOT_PLUG detection function of pin (19) of a HDMI terminal (CN502) normal?

NO → Check the line between pin (50) of IC U501 and CN502.

↓

Check the connection and setup with the external HDMI devices.

YES ↓

Are EDID data pin (6)(SCL) of IC U503 (EEPROM), pin (5)(SDA) accessed, and is it read from pin (15), pin (16) of a HDMI terminal(CN502)?

NO → Is access possible in the re-writing or exchange of EDID data of IC U503?

↓NO

Check CN502, IC U503 and peripheral circuits.

YES ↓

Is TMDS signal input into pin(63, 62)/RX2-2±,(60, 59)/RX2-1±, (57, 56)/RX2-0±, (54, 53)/RX2-C± of IC U501?

NO → Check the line between IC U501 and CN502.

YES ↓

Is TMDS signal output from pin(17, 18)/ 2±,(20, 21)/ 1±, (23, 24)/ 0±, (26, 27)/ C± of IC U501?

NO → Check IC U501 and peripheral circuits.

↓YES

Refer to "The picture doesn't appear in all modes."

Does not the picture of the HDMI signal input to HDMI2 go out?

MINI AV_UNIT: ↓

Is the HOT_PLUG detection function of pin (19) of a HDMI terminal (CN501) normal?

NO → Check the line between pin (64) of IC U501 and CN501.

↓

Check the connection and setup with the external HDMI devices.

YES ↓

Are EDID data pin (6)(SCL) of IC U502 (EEPROM), pin (5)(SDA) accessed, and is it read from pin (15), pin (16) of a HDMI terminal(CN502)?

NO → Is access possible in the re-writing or exchange of EDID data of IC U502?

↓NO

Check CN502, IC U503 and peripheral circuits.

YES ↓

Is TMDS signal input into pin(14, 13)/RX1-2±,(11, 10)/RX1-1±, (8, 7)/RX1-0±, (5, 4)/RX1-C± of IC U501?

NO → Check the line between IC U501 and CN501.

YES ↓

Is TMDS signal output from pin(17, 18)/ 2±,(20, 21)/ 1±, (23, 24)/ 0±, (26, 27)/ C± of IC U501?

NO → Check IC U501 and peripheral circuits.

↓ YES

Refer to "The picture doesn't appear in all modes."

Does not the picture of the HDMI signal input to HDMI3 go out?

MINI AV_UNIT: ↓

Is the HOT_PLUG detection function of pin (19) of a HDMI terminal (CN506) normal?

NO → Check the line between pin (35) of IC U501 and CN506.

↓

Check the connection and setup with the external HDMI devices.

YES ↓

Are EDID data pin (6)(SCL) of IC U504 (EEPROM), pin (5)(SDA) accessed, and is it read from pin (15), pin (16) of a HDMI terminal (CN506)?

NO → Is access possible in the re-writing or exchange of EDID data of IC U504?

↓NO

Check CN506, IC U504 and peripheral circuits.

YES ↓

Is TMDS signal input into pin(48, 47)/RX3-2±,(45, 44)/RX3-1±, (42, 41)/RX3-0±, (39, 38)/RX3-C± of IC U501?

NO → Check the line between IC U501 and CN506.

YES ↓

Is TMDS signal output from pin(17, 18)/ 2±,(20, 21)/ 1±, (23, 24)/ 0±, (26, 27)/ C± of IC U501?

NO → Check IC U501 and peripheral circuits.

↓YES

Refer to "The picture doesn't appear in all modes."

<External input VGA>No picture on the display (9)

↓

Does not the picture of the PC IN(ANALOG) video signal input to VGA(15pin-D-SUB terminal) go out?

TERMINAL_UNIT: ↓

Is R/G/B/H/V signal sent to pin (1)/R, (2)/G, (3)/B, (14)/H, (13)/V of VGA (CN101)?

NO → Check the setting of an external input device that connects of CN101.

MAIN_UNIT: ↓YES

Is R/G/B/H/V signal sent to pin (AT25)/R, (AU24)/G, (AT23)/B, (AR22)/H, (AU22)/V of IC U401?

NO → Check the line between IC U401 and CN101.

↓YES

Refer to "The picture doesn't appear in all modes."

<External input AV1(Component)>No picture on the display (10)

↓

Does not the picture of the component video signal input to Component go out?

TERMINAL_UNIT: ↓

Is Component Y/Pb/Pr signal sent to pin (2)/Y, (4)/Pb, (6)/Pr of AV1(CN111) ?

NO → Check the setting of an external input device that connects of CN111.

MAIN_UNIT: ↓YES

Is Component Y/Pb/Pr signal sent to pin (AU26)/Y, (AT27)/Pb, (AP27)/Pr of IC U401?

NO → Check the line between IC U401 and CN111.

↓YES

Refer to ‘‘The picture doesn't appear in all modes.’’

< During external connection > No picture on the monitor (1)

↓

No picture appears on SCART1 - connected monitor during the tuner (U/V) reception.

↓

Checklist:
1) Is the Signal Type (item) in MENU-Option-Input Select equal to Signal Type of an external device? …Set it to "CVBS", "Y/C", "RGB", "AUTO".
2) Is ANT-CABLE disconnected or connected improperly? …Connect it correctly as per the operation manual.
3) The picture is sent to the monitor in a CVBS signal if the source during display is ATV/DTV, CVBS or Y/C of SCART1, AV3.
   When sent by component, etc., that signal is not sent to the monitor.
4) When the monitor picture is not sent and is not displayed on the monitor, refer to "No picture" for each terminal.
5) The video output from SCART1 is not the monitor output (output of the picture now watching).
   The picture of the last selected TV channel is always sent to SCART1. (Specification)

TERMINAL_UNIT: ↓

Is CVBS signal output into pin (19) of CN151 (SCART1)? → YES → Check the setting of an external input device that connects of CN151.

↓NO

Is U401 pin (AT31) CVBS signal output into pin (19) of CN151 (SCART1)? → YES → Check the line between CN151 and U401.

↓NO

Refer to "The picture doesn't appear in all modes."

< During external connection > No picture on the monitor (2)

SCART2: ↓

No picture from SCART1 appears on SCART2-connected monitor.
NOTE: Normally, if the screen during display is sent to SCART2, no picture is sent to SCART2.

↓

Checklist:
1) Is the Signal Type (item) in MENU-Option-Input Select equal to Signal Type of an external device? …Set it to "CVBS", "Y/C", "AUTO".
2) The picture is sent to the monitor in a CVBS signal if the source during display is TV, CVBS or Y/C of SCART1-2, AV3.
   When sent by component, etc., that signal is not sent to the monitor.
3) When the monitor picture is not sent and is not displayed on the monitor, refer to "No picture" for each terminal.
4) The video output from SCART1 is not the monitor output (output of the picture now watching).
   The picture of the last selected TV channel is always sent to SCART1. (Specification)

TERMINAL_UNIT: ↓

Is CVBS signal output into pin (19) of CN152 (SCART2)? → YES → Check the setting of an external input device that connects of CN152.

↓NO

Is CVBS signal output from pin (AP31) of IC U401 into pin (19) of CN152 (SCART2)? → YES → Check the line between CN152 and IC U401.

↓NO

Refer to "The picture doesn't appear in all modes."

37" TROUBLESHOOTING TABLE

Power unit operation check.

↓

Are the power cord and harness in the unit properly connected?

NO → Connect the power cord and harness properly, and turn on the power.

LINE_FILTER_UNIT: ↓ YES

Is F901/F902 normal?

NO → LINE_FILTER_UNIT:
Isn't RV901,C901,L901,C904,C902,C903,L902,RV903, etc. out of order? Moreover, whether the short-circuit with the circumference circuit is checked.

NO → POWER_UNIT:
BD901, FB905, C910, etc. out of order?
Moreover, whether the short-circuit with the circumference circuit is checked.

POWER_UNIT ↓YES

Is BD901 (+320V) output? (Set the main power SW to OFF.)

NO → Does the PFC circuit operate normally?
(L906, Q901, D902, D903, IC901 and etc. And, the circuit around the protection circuit etc. is checked.)

↓YES

Is a voltage of +5V applied to pin (12,13) of connector (CN902)?
(Set the main power SW to OFF.)

NO → Does the switching circuit operate normally?
Check circuit around the primary side (T901, IC931, Q931, ZD931, ZD930, ZD980, ZD981, etc.), the secondary side (D935, L980, etc.), the AC_DET circuit (IC932, IC982, etc.), and the protection circuit.

↓YES

Are +24V output as for the power on/off switch when it is on?

NO → Does the inverter circuit operate normally?
Check circuit around the primary side (T902,Q951,Q952,IC951, D951,D952, etc.), the secondary side (D955, C943, etc.), and the protection circuit.

↓YES

Are +70.6V output as for the power on/off switch when it is on?

NO → Does the inverter circuit operate normally?
Check circuit around the second side (L907, Q991, D985, IC902, Q903 etc.)

↓YES

Similarly, is +12V output as for the power on/off switch when it is on?

NO → Check +12V circuit of D962, L931, etc.

The sound is not emitted from the speaker though the picture has come out.

↓

No sound output in all modes?

TEREMINAL UNIT: ↓

Is the audio signal output of pin U36 (AR3), V37 (AL3) of IC U401 normal?

NO → Check IC U401 and its peripheral circuits.

↓YES

Is audio signal input to pin (4)(L), pin (11)(R) of IC U601 (AMP)?

NO → Check the line between IC U605 and IC U601.

↓YES

Is MUTE circuit [Shutdown, OFF_MUTE] normal?

NO → Check the Mute circuit. (Q601, Q602 etc.)

↓YES

Is the audio signal output of pin (3, 4) (L-ch) and pin (1, 2) (R-ch) of CN601 (AOUDIO-CONNECTOR) normal?

NO → Check IC U601 and its peripheral circuits.

↓YES

Check Speaker Box (right and left) and wire harness.

No sound (during the reception of TV (DIGITAL) broadcasting)

↓

Does not the sound go out though the picture has come out when TV is received?

MAIN UNIT: ↓

Is the IF signal output from pin (16) and pin (17) of TUNER (TU102)? —NO→ Check the tuner and its peripheral circuits. Replace as required.

↓YES

Is the IF signal sent to pin (AH35) and pin (AH37) of IC U401? —NO→ Check IC U401 its peripheral circuits.

↓YES

Refer to "No sound output in all modes".

No sound from external input devices (1)

↓

Does not the sound of the audio signal input to SCART1 go out?

TEREMINAL UNIT: ↓

Is the audio signal properly sent to pin (6) (SCT1_AUL_IN) and pin (2) (SCT1_AUR_IN) of SCART1 (CN151)? —NO→ Check the setting of an external input device that connects of CN151

↓YES

Is the audio signal properly sent to pin (AA32) and pin (AB33) of IC U401? —NO→ Check the line between CN151 and IC U401

↓YES

Refer to "No sound output in all modes".

No sound from external input devices (2)

↓

Does not the sound of the audio signal input to SCART2 go out?

TEREMINAL UNIT: ↓

Is the audio signal properly sent to pin (6) (SCT2_AUL_IN) and pin (2) (SCT2_AUR_IN) of SCART2 (CN152)? —NO→ Check the setting of an external input device that connects of CN152

↓YES

Is the audio signal properly sent to pin (AC36) and pin (AB37) of IC U401? —NO→ Check the line between CN152 and IC U401

↓YES

Refer to "No sound output in all modes".

No sound from external input devices (3)

↓

Does not the sound of the audio signal input to AV1 (Component) go out?

MAIN UNIT: ↓

Is the audio signal properly sent to pin (8) (YPbPrL_IN) and pin (10) (YPbPrR_IN) of CN111? — NO → Check the connection to CN111 and the external input device.

↓YES

Is the audio signal properly sent to pin (AD33) and pin (AC34) of IC U401? — NO → Check the line between CN111 and IC U401.

↓YES

Refer to "No sound output in all modes".

No sound from external input devices (4)

↓

Does not the sound of the audio signal input to AV3(Composite) go out?

MAIN UNIT: ↓

Is the audio signal properly sent to pin (4) (AV3_AudioLIN) and pin (6) (AV3_AudioRIN) of CN136? — NO → Check the connection to CN136 and the external input device.

↓YES

Is the audio signal properly sent to pin (AD35) and pin (AB35) of IC U401? — NO → Check the line between CN136 and IC U401.

↓YES

Refer to "No sound output in all modes".

No sound from external input devices (4)

↓

Does not the sound of the audio signal input to VGA go out?

MAIN UNIT: ↓

Is the audio signal properly sent to pin (2) (VGA_AudioLIN) and pin (3) (VGA_AudioRIN) of CN102? — NO → Check the connection to CN102 and the external input device.

↓YES

Is the audio signal properly sent to pin (AA36) and pin (Y37) of IC U401? — NO → Check the line between CN102 and IC U401.

↓YES

Refer to "No sound output in all modes".

No sound from external input devices (5)

↓

Does not the sound of the audio signal input to HDMI1/2/3 go out?

↓

Is picture of the signal input from HDMI1/2/3 displayed?

NO → Refer to "Does not the picture of the HDMI signal input to HDMI1/2/3 go out?".

↓YES

Refer to "No sound output in all modes".

The audio signal is not output (1)

↓

The audio signal of UHF/VHF is not output from SCART1.

TEREMINAL UNIT: ↓

Is audio signal output from IC U106 sent to pin (3)(SCT1_AUL_OUT) and pin(1)(SCT1_AUR_OUT) of SCART1(CN151)?

YES → Check the connection to SCART1 and external devices.

↓NO

Is audio signal output from IC U401 is sent to pin (2)(1IN-) and pin (6)(2IN-)of IC U106?

YES → Check the line between IC U401 and IC U106.

↓NO

Check IC U401 and its peripheral circuits.

The audio signal is not output (2)

↓

The audio signal of UHF/VHF/MONITOR is not output from SCART2.

TEREMINAL UNIT: ↓

Is audio signal output from IC U605 sent to pin(3)(SCT2_AUL_OUT) and pin(1)(SCT2_AUR_OUT) of

YES → Check the connection to SCART2 and external devices.

↓NO

Is audio signal output from IC U401 is sent to pin (2)(1IN-) and pin (6)(2IN-)of IC U107?

YES → Check the line between IC U401 and IC U107

↓NO

Check IC U401 and its peripheral circuits.

The audio signal is not output (3)

↓

No audio signal output from LINE_AUDIO_OUTPUT terminal.

TEREMINAL UNIT: ↓

Is audio signal output from IC U107 sent to pin(4) (Audio_Line_Out_L) and pin (6) (Audio_Line_Out_R) of LINE_AUDIO_OUT connector(CN140)?

YES → Check the connection to LINE_AUDIO_OUT and external devices.

↓NO

Is audio signal output from IC U401 is sent to pin (2)(1IN-) and pin (6)(2IN-)of IC U107?

YES → Check the line between IC U401 and IC U107.

↓NO

Check IC U401 and its peripheral circuits.

The audio signal is not output (4)

↓

No audio signal output from SPDIF_OUTPUT terminal.

TEREMINAL UNIT:

Is ASPDIF audio signal output from pin (K33) of IC U401 to pin (2) of connector CN603?

YES → Check the connection to SPDIF_OUT and external devices.

↓NO

Check IC U401 and its peripheral circuits.

The audio signal is not output (5)

↓

No sound from HEADPHONE_OUTPUT terminal.

MINI AV_UNIT: ↓

Is the HP_DET# signal input into pin (AE6) of IC U401 from pin (6) of a headphone terminal (CN602)?

NO → Check the connection to CN602 and external headphone is plug in well.

↓YES

Is the audio signal output from IC U602 to pin(2) (HPOUTL) and pin (3) (HPOUTR) of headphone terminal CN602?

NO → Check the line between IC U602 and CN602.

↓YES

Is the audio signal output from IC U401 pin(V35) and pin(U34) sent to pin(1)(INL-) and pin(4)(INR-) of IC U602?

NO → Check the line between IC U401 and IC U602.

↓YES

Check IC U401 and its peripheral circuits.

No picture on the display (1)

↓

The picture doesn't appear in all modes.

MAIN UNIT:

Is LVDS signal output from 1st_channel and 2nd_channel of IC U401 in each mode? (A0N/A0P),(A1N/A1P),(A2N/A2P),(A3N/A3P),(CK1N/CK1P)

↓NO → Check IC U401 and its peripheral control circuits.

↓YES

Is the above-mentioned LVDS signals output to connector CN408? NO → Check the line between IC U401 and CN408.

↓YES

Is LCD controller's control signal normal? NO → Control signals BRIGHT_ADJ, INVERTER_ON_OFF, PANEL_VCC_ON/OFF, and it peels off and whether normality is checked.

MEMC_UNIT: ↓YES

Similarly, is the LVDS signal input to connector CN405 of the MEMC module? NO → Wire harness is checked.

↓YES

Check is the LVDS signal out from the connector CN406, CN407 of MEMC module. NO → Check IC U404 and its peripheral circuits.

PANEL_UNIT: ↓YES

Similarly, is the LVDS signal input to connector of the panel module? NO → Wire harness is checked.(MEMC module to Panel module)

↓YES

Check the panel module.

No picture on the display (2)

↓

Does not the picture come out when TV (Antenna) is received?

TERMINAL UNIT: ↓

Is the voltage of regulation for a TUNER circuit and the power supply terminal of IC U401 supplied? NO → Each power supply circuit is checked.

↓YES

Is IF signal output from pin (16), (17) of TUNER (TU102) to pin (AH35), pin (AH37) of IC U401? NO → Check the tuner, IC U401 and their peripheral circuits. Replace as required.

MAIN_UNIT: ↓YES

Do X4150 (54.00MHz) oscillate? NO → Check X4150 and its peripheral circuits.

↓YES

Refer to “The picture doesn't appear in all modes.”

No picture on the display (3)

↓

Does not the picture come out when TV (Cable) is received?

TERMINAL UNIT: ↓

Is the voltage of regulation for a TUNER circuit and the power supply terminal of IC U401 supplied? — NO → Each power supply circuit is checked.

↓YES

Is IF signal output from pin (16), (17) of TUNER (TU102) to pin (29), pin (30) of IC U101? — NO → Check the tuner, IC U101 and their peripheral circuits. Replace as required.

↓YES

Is MPEG data (CI_INDATA0, TSYNC, TCK) signal from pin (11), (8) (9) of IC U101 are output to IC U401? — NO → Check IC U101 and their peripheral circuits. Replace as required.

MAIN_UNIT: ↓YES

Do X4150 (54.00MHz) oscillate? — NO → Check X4150 and its peripheral circuits.

↓YES

Refer to "The picture doesn't appear in all modes."

<External input SCART1, SCART2>No picture on the display (4)

↓

Does not the picture of the CVBS signal input to SCART1 go out?

Does not the picture of the CVBS signal input to SCART2 go out?

TERMINAL UNIT: ↓

Is CVBS signal sent to pin (20) of SCART1 (CN151)? — NO → Check the setting of an external input device that connects of CN151.

Is CVBS signal sent to pin (20) of SCART2 (CN152)? — NO → Check the setting of an external input device that connects of CN152.

MAIN_UNIT: ↓YES

Is CVBS signal sent to pin (AP33) of IC U401? — NO → Check the line between IC U401 and CN151.

Is CVBS signal sent to pin (AT33) of IC U401? — NO → Check the line between IC U401 and CN152.

↓YES

Refer to "The picture doesn't appear in all modes."

<External input SCART1>No picture on the display (5)

↓

Does not the picture of the R/G/B video signal input to SCART1 go out?

TERMINAL UNIT: ↓

Is RGB signal sent to pin (15)/R, (11)/G, (7)/B, of SCART1 (CN151)? — NO → Check the setting of an external input device that connects of CN151.

MAIN_UNIT: ↓YES

Is RGB signal sent to pin (AU30)/R, (AP29)/G, (AR28)/B of IC U401? — NO → Check the line between IC U401 and CN151.

↓YES

Refer to "The picture doesn't appear in all modes."

<External input SCART1, SCART2>No picture on the display (6)

↓

Does not the picture of the Y/C signal input to SCART1 go out?

Does not the picture of the Y/C signal input to SCART2 go out?

TERMINAL UNIT: ↓

Is Y/C signal sent to pin (20) and (15) of SCART1 (CN151)? — NO → Check the setting of an external input device that connects of CN151.

Is Y/C signal sent to pin (20) and (15) of SCART2 (CN152)? — NO → Check the setting of an external input device that connects of CN152.

MAIN_UNIT: ↓YES

Is Y/C signal sent to pin (AP33)/Y, (AU30)/C of IC U401? — NO → Check the line between IC U401 and CN151.

Is Y/C signal sent to pin (AT33)/Y, (AR34)/C of IC U401? — NO → Check the line between IC U401 and CN152.

↓YES

Refer to "The picture doesn't appear in all modes."

<External input AV3>No picture on the display (7)

↓

Does not the picture of the composite video signal input to AV3(Composite) go out?

TERMINAL UNIT: ↓

Is CVBS signal sent to pin (2) of AV3 (CN136)? — NO → Check the setting of an external input device that connects of CN136.

MAIN_UNIT: ↓YES

Is CVBS signal sent to pin (AU36) of IC U401? — NO → Check the line between IC U401 and CN136.

↓YES

Refer to "The picture doesn't appear in all modes."

<External input HDMI1,2,3>No picture on the display (8)

↓

Does not the picture of the HDMI signal input to HDMI1 go out?

MINI AV_UNIT: ↓

Is the HOT_PLUG detection function of pin (19) of a HDMI terminal (CN502) normal?

NO → Check the line between pin (50) of IC U501 and CN502.

↓

Check the connection and setup with the external HDMI devices.

YES ↓

Are EDID data pin (6)(SCL) of IC U503 (EEPROM), pin (5)(SDA) accessed, and is it read from pin (15), pin (16) of a HDMI terminal(CN502)?

NO → Is access possible in the re-writing or exchange of EDID data of IC U503?

↓NO

YES ↓

Check CN502, IC U503 and peripheral circuits.

Is TMDS signal input into pin(63, 62)/RX2-2±,(60, 59)/RX2-1±, (57, 56)/RX2-0±, (54, 53)/RX2-C± of IC U501?

NO → Check the line between IC U501 and CN502.

YES ↓

Is TMDS signal output from pin(17, 18)/ 2±,(20, 21)/ 1±, (23, 24)/ 0±, (26, 27)/ C± of IC U501?

NO → Check IC U501 and peripheral circuits.

↓YES

Refer to "The picture doesn't appear in all modes."

Does not the picture of the HDMI signal input to HDMI2 go out?

MINI AV_UNIT: ↓

Is the HOT_PLUG detection function of pin (19) of a HDMI terminal (CN501) normal?

NO → Check the line between pin (64) of IC U501 and CN501.

↓

Check the connection and setup with the external HDMI devices.

YES ↓

Are EDID data pin (6)(SCL) of IC U502 (EEPROM), pin (5)(SDA) accessed, and is it read from pin (15), pin (16) of a HDMI terminal(CN502)?

NO → Is access possible in the re-writing or exchange of EDID data of IC U502?

↓NO

YES ↓

Check CN502, IC U503 and peripheral circuits.

Is TMDS signal input into pin(14, 13)/RX1-2±,(11, 10)/RX1-1±, (8, 7)/RX1-0±, (5, 4)/RX1-C± of IC U501?

NO → Check the line between IC U501 and CN501.

YES ↓

Is TMDS signal output from pin(17, 18)/ 2±,(20, 21)/ 1±, (23, 24)/ 0±, (26, 27)/ C± of IC U501?

NO → Check IC U501 and peripheral circuits.

↓ YES

Refer to "The picture doesn't appear in all modes."

Does not the picture of the HDMI signal input to HDMI3 go out?

MINI AV_UNIT: ↓

Is the HOT_PLUG detection function of pin (19) of a HDMI terminal (CN506) normal?

NO → Check the line between pin (35) of IC U501 and CN506.

↓

Check the connection and setup with the external HDMI devices.

YES ↓

Are EDID data pin (6)(SCL) of IC U504 (EEPROM), pin (5)(SDA) accessed, and is it read from pin (15), pin (16) of a HDMI terminal (CN506)?

NO → Is access possible in the re-writing or exchange of EDID data of IC U504?

↓NO

Check CN506, IC U504 and peripheral circuits.

YES ↓

Is TMDS signal input into pin(48, 47)/RX3-2±,(45, 44)/RX3-1±, (42, 41)/RX3-0±, (39, 38)/RX3-C± of IC U501?

NO → Check the line between IC U501 and CN506.

YES ↓

Is TMDS signal output from pin(17, 18)/ 2±,(20, 21)/ 1±, (23, 24)/ 0±, (26, 27)/ C± of IC U501?

NO → Check IC U501 and peripheral circuits.

↓YES

Refer to "The picture doesn't appear in all modes."

<External input VGA>No picture on the display (9)

↓

Does not the picture of the PC IN(ANALOG) video signal input to VGA(15pin-D-SUB terminal) go out?

TERMINAL_UNIT: ↓

Is R/G/B/H/V signal sent to pin (1)/R, (2)/G, (3)/B, (14)/H, (13)/V of VGA (CN101)?

NO → Check the setting of an external input device that connects of CN101.

MAIN_UNIT: ↓YES

Is R/G/B/H/V signal sent to pin (AT25)/R, (AU24)/G, (AT23)/B, (AR22)/H, (AU22)/V of IC U401?

NO → Check the line between IC U401 and CN101.

↓YES

Refer to "The picture doesn't appear in all modes."

<External input AV1(Component)>No picture on the display (10)

↓

Does not the picture of the component video signal input to Component go out?

TERMINAL_UNIT: ↓

Is Component Y/Pb/Pr signal sent to pin (2)/Y, (4)/Pb, (6)/Pr of AV1(CN111) ?

NO → Check the setting of an external input device that connects of CN111.

MAIN_UNIT: ↓YES

Is Component Y/Pb/Pr signal sent to pin (AU26)/Y, (AT27)/Pb, (AP27)/Pr of IC U401?

NO → Check the line between IC U401 and CN111.

↓YES

Refer to "The picture doesn't appear in all modes."

< During external connection > No picture on the monitor (1)

↓

No picture appears on SCART1 - connected monitor during the tuner (U/V) reception.

↓

Checklist:
1) Is the Signal Type (item) in MENU-Option-Input Select equal to Signal Type of an external device? …Set it to "CVBS", "Y/C", "RGB", "AUTO".
2) Is ANT-CABLE disconnected or connected improperly? …Connect it correctly as per the operation manual.
3) The picture is sent to the monitor in a CVBS signal if the source during display is ATV/DTV, CVBS or Y/C of SCART1, AV3.
   When sent by component, etc., that signal is not sent to the monitor.
4) When the monitor picture is not sent and is not displayed on the monitor, refer to "No picture" for each terminal.
5) The video output from SCART1 is not the monitor output (output of the picture now watching).
   The picture of the last selected TV channel is always sent to SCART1. (Specification)

TERMINAL_UNIT: ↓

Is CVBS signal output into pin (19) of CN151 (SCART1)? → YES → Check the setting of an external input device that connects of CN151.

↓NO

Is U401 pin (AT31) CVBS signal output into pin (19) of CN151 (SCART1)? → YES → Check the line between CN151 and U401.

↓NO

Refer to "The picture doesn't appear in all modes."

< During external connection > No picture on the monitor (2)

SCART2: ↓

No picture from SCART1 appears on SCART2-connected monitor.
NOTE: Normally, if the screen during display is sent to SCART2, no picture is sent to SCART2.

↓

Checklist:
1) Is the Signal Type (item) in MENU-Option-Input Select equal to Signal Type of an external device? …Set it to "CVBS", "Y/C", "AUTO".
2) The picture is sent to the monitor in a CVBS signal if the source during display is TV, CVBS or Y/C of SCART1-2, AV3.
   When sent by component, etc., that signal is not sent to the monitor.
3) When the monitor picture is not sent and is not displayed on the monitor, refer to "No picture" for each terminal.
4) The video output from SCART1 is not the monitor output (output of the picture now watching).
   The picture of the last selected TV channel is always sent to SCART1. (Specification)

TERMINAL_UNIT: ↓

Is CVBS signal output into pin (19) of CN152 (SCART2)? → YES → Check the setting of an external input device that connects of CN152.

↓NO

Is CVBS signal output from pin (AP31) of IC U401 into pin (19) of CN152 (SCART2)? → YES → Check the line between CN152 and IC U401.

↓NO

Refer to "The picture doesn't appear in all modes."

42" TROUBLESHOOTING TABLE

Power unit operation check.

↓

Are the power cord and harness in the unit properly connected?

NO → Connect the power cord and harness properly, and turn on the power.

LINE_FILTER_UNIT: ↓ YES

Is F901/F902 normal?

NO → LINE_FILTER_UNIT:
Isn't RV901,C901,L901,C904,C902,C903,L902,RV903, etc. out of order? Moreover, whether the short-circuit with the circumference circuit is checked.

NO → POWER_UNIT:
BD901, FB905, C910, etc. out of order?
Moreover, whether the short-circuit with the circumference circuit is checked.

POWER_UNIT ↓YES

Is BD901 (+320V) output? (Set the main power SW to OFF.)

NO → Does the PFC circuit operate normally?
(L906, Q901, D902, D903, IC901 and etc. And, the circuit around the protection circuit etc. is checked.)

↓YES

Is a voltage of +5V applied to pin (12,13) of connector (CN902)?
(Set the main power SW to OFF.)

NO → Does the switching circuit operate normally?
Check circuit around the primary side (T901, IC931, Q931, ZD931, ZD930, ZD980, ZD981, etc.), the secondary side (D935, L980, etc.), the AC_DET circuit (IC932, IC982, etc.), and the protection circuit.

↓YES

Are +24V output as for the power on/off switch when it is on?

NO → Does the inverter circuit operate normally?
Check circuit around the primary side (T902,Q951,Q952,IC951, D951,D952, etc.), the secondary side (D955, C943, etc.), and the protection circuit.

↓YES

Are +88V output as for the power on/off switch when it is on?

NO → Does the inverter circuit operate normally?
Check circuit around the second side (L907, Q991, D985, IC902, Q903 etc.)

↓YES

Similarly, is +12V output as for the power on/off switch when it is on?

NO → Check +12V circuit of D962, L931, etc.

The sound is not emitted from the speaker though the picture has come out.

↓

No sound output in all modes?

TEREMINAL UNIT: ↓

Is the audio signal output of pin U36 (AR3), V37 (AL3) of IC U401 normal?

NO → Check IC U401 and its peripheral circuits.

↓YES

Is audio signal input to pin (4)(L), pin (11)(R) of IC U601 (AMP)?

NO → Check the line between IC U605 and IC U601.

↓YES

Is MUTE circuit [Shutdown, OFF_MUTE] normal?

NO → Check the Mute circuit. (Q601, Q602 etc.)

↓YES

Is the audio signal output of pin (3, 4) (L-ch) and pin (1, 2) (R-ch) of CN601 (AOUDIO-CONNECTOR) normal?

NO → Check IC U601 and its peripheral circuits.

↓YES

Check Speaker Box (right and left) and wire harness.

No sound (during the reception of TV (DIGITAL) broadcasting)

↓

Does not the sound go out though the picture has come out when TV is received?

MAIN UNIT: ↓

Is the IF signal output from pin (16) and pin (17) of TUNER (TU102)? —NO→ Check the tuner and its peripheral circuits. Replace as required.

↓YES

Is the IF signal sent to pin (AH35) and pin (AH37) of IC U401? —NO→ Check IC U401 its peripheral circuits.

↓YES

Refer to "No sound output in all modes".

No sound from external input devices (1)

↓

Does not the sound of the audio signal input to SCART1 go out?

TEREMINAL UNIT: ↓

Is the audio signal properly sent to pin (6) (SCT1_AUL_IN) and pin (2) (SCT1_AUR_IN) of SCART1 (CN151)? —NO→ Check the setting of an external input device that connects of CN151

↓YES

Is the audio signal properly sent to pin (AA32) and pin (AB33) of IC U401? —NO→ Check the line between CN151 and IC U401

↓YES

Refer to "No sound output in all modes".

No sound from external input devices (2)

↓

Does not the sound of the audio signal input to SCART2 go out?

TEREMINAL UNIT: ↓

Is the audio signal properly sent to pin (6) (SCT2_AUL_IN) and pin (2) (SCT2_AUR_IN) of SCART2 (CN152)? —NO→ Check the setting of an external input device that connects of CN152

↓YES

Is the audio signal properly sent to pin (AC36) and pin (AB37) of IC U401? —NO→ Check the line between CN152 and IC U401

↓YES

Refer to "No sound output in all modes".

No sound from external input devices (3)

↓

Does not the sound of the audio signal input to AV1 (Component) go out?

MAIN UNIT: ↓

Is the audio signal properly sent to pin (8) (YPbPrL_IN) and pin (10) (YPbPrR_IN) of CN111? — NO → Check the connection to CN111 and the external input device.

↓YES

Is the audio signal properly sent to pin (AD33) and pin (AC34) of IC U401? — NO → Check the line between CN111 and IC U401.

↓YES

Refer to "No sound output in all modes".

No sound from external input devices (4)

↓

Does not the sound of the audio signal input to AV3(Composite) go out?

MAIN UNIT: ↓

Is the audio signal properly sent to pin (4) (AV3_AudioLIN) and pin (6) (AV3_AudioRIN) of CN136? — NO → Check the connection to CN136 and the external input device.

↓YES

Is the audio signal properly sent to pin (AD35) and pin (AB35) of IC U401? — NO → Check the line between CN136 and IC U401.

↓YES

Refer to "No sound output in all modes".

No sound from external input devices (4)

↓

Does not the sound of the audio signal input to VGA go out?

MAIN UNIT: ↓

Is the audio signal properly sent to pin (2) (VGA_AudioLIN) and pin (3) (VGA_AudioRIN) of CN102? — NO → Check the connection to CN102 and the external input device.

↓YES

Is the audio signal properly sent to pin (AA36) and pin (Y37) of IC U401? — NO → Check the line between CN102 and IC U401.

↓YES

Refer to "No sound output in all modes".

No sound from external input devices (5)

↓

Does not the sound of the audio signal input to HDMI1/2/3 go out?

↓

Is picture of the signal input from HDMI1/2/3 displayed?

NO → Refer to "Does not the picture of the HDMI signal input to HDMI1/2/3 go out?".

↓YES

Refer to "No sound output in all modes".

The audio signal is not output (1)

↓

The audio signal of UHF/VHF is not output from SCART1.

TEREMINAL UNIT: ↓

Is audio signal output from IC U106 sent to pin (3)(SCT1_AUL_OUT) and pin(1)(SCT1_AUR_OUT) of SCART1(CN151)?

YES → Check the connection to SCART1 and external devices.

↓NO

Is audio signal output from IC U401 is sent to pin (2)(1IN-) and pin (6)(2IN-)of IC U106?

YES → Check the line between IC U401 and IC U106.

↓NO

Check IC U401 and its peripheral circuits.

The audio signal is not output (2)

↓

The audio signal of UHF/VHF/MONITOR is not output from SCART2.

TEREMINAL UNIT: ↓

Is audio signal output from IC U605 sent to pin(3)(SCT2_AUL_OUT) and pin(1)(SCT2_AUR_OUT) of

YES → Check the connection to SCART2 and external devices.

↓NO

Is audio signal output from IC U401 is sent to pin (2)(1IN-) and pin (6)(2IN-)of IC U107?

YES → Check the line between IC U401 and IC U107

↓NO

Check IC U401 and its peripheral circuits.

The audio signal is not output (3)

↓

No audio signal output from LINE_AUDIO_OUTPUT terminal.

TEREMINAL UNIT: ↓

Is audio signal output from IC U107 sent to pin(4) (Audio_Line_Out_L) and pin (6) (Audio_Line_Out_R) of LINE_AUDIO_OUT connector(CN140)?

YES → Check the connection to LINE_AUDIO_OUT and external devices.

↓NO

Is audio signal output from IC U401 is sent to pin (2)(1IN-) and pin (6)(2IN-)of IC U107?

YES → Check the line between IC U401 and IC U107.

↓NO

Check IC U401 and its peripheral circuits.

The audio signal is not output (4)

↓

No audio signal output from SPDIF_OUTPUT terminal.

TEREMINAL UNIT:

Is ASPDIF audio signal output from pin (K33) of IC U401 to pin (2) of connector CN603?

YES → Check the connection to SPDIF_OUT and external devices.

↓NO

Check IC U401 and its peripheral circuits.

The audio signal is not output (5)

↓

No sound from HEADPHONE_OUTPUT terminal.

MINI AV_UNIT: ↓

Is the HP_DET# signal input into pin (AE6) of IC U401 from pin (6) of a headphone terminal (CN602)?

NO → Check the connection to CN602 and external headphone is plug in well.

↓YES

Is the audio signal output from IC U602 to pin(2) (HPOUTL) and pin (3) (HPOUTR) of headphone terminal CN602?

NO → Check the line between IC U602 and CN602.

↓YES

Is the audio signal output from IC U401 pin(V35) and pin(U34) sent to pin(1)(INL-) and pin(4)(INR-) of IC U602?

NO → Check the line between IC U401 and IC U602.

↓YES

Check IC U401 and its peripheral circuits.

No picture on the display (1)

↓

The picture doesn't appear in all modes.

MAIN UNIT:

Is LVDS signal output from 1st_channel and 2nd_channel of IC U401 in each mode? (A0N/A0P),(A1N/A1P),(A2N/A2P),(A3N/A3P),(CK1N/CK1P)

↓NO

Check IC U401 and its peripheral control circuits.

↓YES

Is the above-mentioned LVDS signals output to connector CN408? — NO → Check the line between IC U401 and CN408.

↓YES

Is LCD controller's control signal normal? — NO → Control signals BRIGHT_ADJ, INVERTER_ON_OFF, PANEL_VCC_ON/OFF, and it peels off and whether normality is checked.

MEMC_UNIT: ↓YES

Similarly, is the LVDS signal input to connector CN405 of the MEMC module? — NO → Wire harness is checked.

↓YES

Check is the LVDS signal out from the connector CN406, CN407 of MEMC module. — NO → Check IC U404 and its peripheral circuits.

PANEL_UNIT: ↓YES

Similarly, is the LVDS signal input to connector of the panel module? — NO → Wire harness is checked.(MEMC module to Panel module)

↓YES

Check the panel module.

No picture on the display (2)

↓

Does not the picture come out when TV (Antenna) is received?

TERMINAL UNIT: ↓

Is the voltage of regulation for a TUNER circuit and the power supply terminal of IC U401 supplied? — NO → Each power supply circuit is checked.

↓YES

Is IF signal output from pin (16), (17) of TUNER (TU102) to pin (AH35), pin (AH37) of IC U401? — NO → Check the tuner, IC U401 and their peripheral circuits. Replace as required.

MAIN_UNIT: ↓YES

Do X4150 (54.00MHz) oscillate? — NO → Check X4150 and its peripheral circuits.

↓YES

Refer to “The picture doesn't appear in all modes.”

No picture on the display (3)

↓

Does not the picture come out when TV (Cable) is received?

TERMINAL UNIT: ↓

Is the voltage of regulation for a TUNER circuit and the power supply terminal of IC U401 supplied? — NO → Each power supply circuit is checked.

↓YES

Is IF signal output from pin (16), (17) of TUNER (TU102) to pin (29), pin (30) of IC U101? — NO → Check the tuner, IC U101 and their peripheral circuits. Replace as required.

↓YES

Is MPEG data (CI_INDATA0, TSYNC, TCK) signal from pin (11), (8) (9) of IC U101 are output to IC U401? — NO → Check IC U101 and their peripheral circuits. Replace as required.

MAIN_UNIT: ↓YES

Do X4150 (54.00MHz) oscillate? — NO → Check X4150 and its peripheral circuits.

↓YES

Refer to "The picture doesn't appear in all modes."

<External input SCART1, SCART2>No picture on the display (4)

↓

Does not the picture of the CVBS signal input to SCART1 go out?

Does not the picture of the CVBS signal input to SCART2 go out?

TERMINAL UNIT: ↓

Is CVBS signal sent to pin (20) of SCART1 (CN151)? — NO → Check the setting of an external input device that connects of CN151.

Is CVBS signal sent to pin (20) of SCART2 (CN152)? — NO → Check the setting of an external input device that connects of CN152.

MAIN_UNIT: ↓YES

Is CVBS signal sent to pin (AP33) of IC U401? — NO → Check the line between IC U401 and CN151.

Is CVBS signal sent to pin (AT33) of IC U401? — NO → Check the line between IC U401 and CN152.

↓YES

Refer to "The picture doesn't appear in all modes."

<External input SCART1>No picture on the display (5)

↓

Does not the picture of the R/G/B video signal input to SCART1 go out?

TERMINAL UNIT: ↓

Is RGB signal sent to pin (15)/R, (11)/G, (7)/B, of SCART1 (CN151)? — NO → Check the setting of an external input device that connects of CN151.

MAIN_UNIT: ↓YES

Is RGB signal sent to pin (AU30)/R, (AP29)/G, (AR28)/B of IC U401? — NO → Check the line between IC U401 and CN151.

↓YES

Refer to "The picture doesn't appear in all modes."

<External input SCART1, SCART2>No picture on the display (6)

↓

Does not the picture of the Y/C signal input to SCART1 go out?

Does not the picture of the Y/C signal input to SCART2 go out?

TERMINAL UNIT: ↓

Is Y/C signal sent to pin (20) and (15) of SCART1 (CN151)? — NO → Check the setting of an external input device that connects of CN151.

Is Y/C signal sent to pin (20) and (15) of SCART2 (CN152)? — NO → Check the setting of an external input device that connects of CN152.

MAIN_UNIT: ↓YES

Is Y/C signal sent to pin (AP33)/Y, (AU30)/C of IC U401? — NO → Check the line between IC U401 and CN151.

Is Y/C signal sent to pin (AT33)/Y, (AR34)/C of IC U401? — NO → Check the line between IC U401 and CN152.

↓YES

Refer to "The picture doesn't appear in all modes."

<External input AV3>No picture on the display (7)

↓

Does not the picture of the composite video signal input to AV3(Composite) go out?

TERMINAL UNIT: ↓

Is CVBS signal sent to pin (2) of AV3 (CN136)? — NO → Check the setting of an external input device that connects of CN136.

MAIN_UNIT: ↓YES

Is CVBS signal sent to pin (AU36) of IC U401? — NO → Check the line between IC U401 and CN136.

↓YES

Refer to "The picture doesn't appear in all modes."

<External input HDMI1,2,3>No picture on the display (8)

↓

Does not the picture of the HDMI signal input to HDMI1 go out?

MINI AV_UNIT: ↓

Is the HOT_PLUG detection function of pin (19) of a HDMI terminal (CN502) normal?

NO → Check the line between pin (50) of IC U501 and CN502.

↓

Check the connection and setup with the external HDMI devices.

YES ↓

Are EDID data pin (6)(SCL) of IC U503 (EEPROM), pin (5)(SDA) accessed, and is it read from pin (15), pin (16) of a HDMI terminal(CN502)?

NO → Is access possible in the re-writing or exchange of EDID data of IC U503?

↓NO

YES ↓

Check CN502, IC U503 and peripheral circuits.

Is TMDS signal input into pin(63, 62)/RX2-2±,(60, 59)/RX2-1±, (57, 56)/RX2-0±, (54, 53)/RX2-C± of IC U501?

NO → Check the line between IC U501 and CN502.

YES ↓

Is TMDS signal output from pin(17, 18)/ 2±,(20, 21)/ 1±, (23, 24)/ 0±, (26, 27)/ C± of IC U501?

NO → Check IC U501 and peripheral circuits.

↓YES

Refer to "The picture doesn't appear in all modes."

Does not the picture of the HDMI signal input to HDMI2 go out?

MINI AV_UNIT: ↓

Is the HOT_PLUG detection function of pin (19) of a HDMI terminal (CN501) normal?

NO → Check the line between pin (64) of IC U501 and CN501.

↓

Check the connection and setup with the external HDMI devices.

YES ↓

Are EDID data pin (6)(SCL) of IC U502 (EEPROM), pin (5)(SDA) accessed, and is it read from pin (15), pin (16) of a HDMI terminal(CN502)?

NO → Is access possible in the re-writing or exchange of EDID data of IC U502?

↓NO

YES ↓

Check CN502, IC U503 and peripheral circuits.

Is TMDS signal input into pin(14, 13)/RX1-2±,(11, 10)/RX1-1±, (8, 7)/RX1-0±, (5, 4)/RX1-C± of IC U501?

NO → Check the line between IC U501 and CN501.

YES ↓

Is TMDS signal output from pin(17, 18)/ 2±,(20, 21)/ 1±, (23, 24)/ 0±, (26, 27)/ C± of IC U501?

NO → Check IC U501 and peripheral circuits.

↓YES

Refer to "The picture doesn't appear in all modes."

Does not the picture of the HDMI signal input to HDMI3 go out?

MINI AV_UNIT: ↓

Is the HOT_PLUG detection function of pin (19) of a HDMI terminal (CN506) normal?

NO → Check the line between pin (35) of IC U501 and CN506.

↓

Check the connection and setup with the external HDMI devices.

YES ↓

Are EDID data pin (6)(SCL) of IC U504 (EEPROM), pin (5)(SDA) accessed, and is it read from pin (15), pin (16) of a HDMI terminal (CN506)?

NO → Is access possible in the re-writing or exchange of EDID data of IC U504?

↓NO

Check CN506, IC U504 and peripheral circuits.

YES ↓

Is TMDS signal input into pin(48, 47)/RX3-2±,(45, 44)/RX3-1±, (42, 41)/RX3-0±, (39, 38)/RX3-C± of IC U501?

NO → Check the line between IC U501 and CN506.

YES ↓

Is TMDS signal output from pin(17, 18)/ 2±,(20, 21)/ 1±, (23, 24)/ 0±, (26, 27)/ C± of IC U501?

NO → Check IC U501 and peripheral circuits.

↓YES

Refer to "The picture doesn't appear in all modes."

<External input VGA>No picture on the display (9)

↓

Does not the picture of the PC IN(ANALOG) video signal input to VGA(15pin-D-SUB terminal) go out?

TERMINAL_UNIT: ↓

Is R/G/B/H/V signal sent to pin (1)/R, (2)/G, (3)/B, (14)/H, (13)/V of VGA (CN101)?

NO → Check the setting of an external input device that connects of CN101.

MAIN_UNIT: ↓YES

Is R/G/B/H/V signal sent to pin (AT25)/R, (AU24)/G, (AT23)/B, (AR22)/H, (AU22)/V of IC U401?

NO → Check the line between IC U401 and CN101.

↓YES

Refer to "The picture doesn't appear in all modes."

<External input AV1(Component)>No picture on the display (10)

↓

Does not the picture of the component video signal input to Component go out?

TERMINAL_UNIT: ↓

Is Component Y/Pb/Pr signal sent to pin (2)/Y, (4)/Pb, (6)/Pr of AV1(CN111) ?

NO → Check the setting of an external input device that connects of CN111.

MAIN_UNIT: ↓YES

Is Component Y/Pb/Pr signal sent to pin (AU26)/Y, (AT27)/Pb, (AP27)/Pr of IC U401?

NO → Check the line between IC U401 and CN111.

↓YES

Refer to "The picture doesn't appear in all modes."

< During external connection > No picture on the monitor (1)

↓

No picture appears on SCART1 - connected monitor during the tuner (U/V) reception.

↓

Checklist:
1) Is the Signal Type (item) in MENU-Option-Input Select equal to Signal Type of an external device? …Set it to "CVBS", "Y/C", "RGB", "AUTO".
2) Is ANT-CABLE disconnected or connected improperly? …Connect it correctly as per the operation manual.
3) The picture is sent to the monitor in a CVBS signal if the source during display is ATV/DTV, CVBS or Y/C of SCART1, AV3.
   When sent by component, etc., that signal is not sent to the monitor.
4) When the monitor picture is not sent and is not displayed on the monitor, refer to "No picture" for each terminal.
5) The video output from SCART1 is not the monitor output (output of the picture now watching).
   The picture of the last selected TV channel is always sent to SCART1. (Specification)

TERMINAL_UNIT: ↓

Is CVBS signal output into pin (19) of CN151 (SCART1)? → YES → Check the setting of an external input device that connects of CN151.

↓NO

Is U401 pin (AT31) CVBS signal output into pin (19) of CN151 (SCART1)? → YES → Check the line between CN151 and U401.

↓NO

Refer to "The picture doesn't appear in all modes."

< During external connection > No picture on the monitor (2)

SCART2: ↓

No picture from SCART1 appears on SCART2-connected monitor.
NOTE: Normally, if the screen during display is sent to SCART2, no picture is sent to SCART2.

↓

Checklist:
1) Is the Signal Type (item) in MENU-Option-Input Select equal to Signal Type of an external device? …Set it to "CVBS", "Y/C", "AUTO".
2) The picture is sent to the monitor in a CVBS signal if the source during display is TV, CVBS or Y/C of SCART1-2, AV3.
   When sent by component, etc., that signal is not sent to the monitor.
3) When the monitor picture is not sent and is not displayed on the monitor, refer to "No picture" for each terminal.
4) The video output from SCART1 is not the monitor output (output of the picture now watching).
   The picture of the last selected TV channel is always sent to SCART1. (Specification)

TERMINAL_UNIT: ↓

Is CVBS signal output into pin (19) of CN152 (SCART2)? → YES → Check the setting of an external input device that connects of CN152.

↓NO

Is CVBS signal output from pin (AP31) of IC U401 into pin (19) of CN152 (SCART2)? → YES → Check the line between CN152 and IC U401.

↓NO

Refer to "The picture doesn't appear in all modes."

CHAPTER 5. MAJOR IC INFORMATIONS

[1] MAJOR IC INFORMATIONS

1. MAJOR IC INFORMATIONS

1.1. U401 (MT5363LICG BGA-522)

GENERAL DESCRIPTION

The MediaTek MT5363LICG family is a backend decoder and a TV controller and offers high integration for advanced applications. It combines a transport de-multiplexer, a high definition video decoder, an AC3 audio decoder, a dual-link LVDS transmitter, and an NTSC/PAL/SECAM TV decoder with a 3D comb filter (NTSC/PAL). The MT5363LICG enables consumer electronics manufactures to build high quality, low cost and feature-rich iDTVs.

World-Leading Audio/Video Technology: The MT5363LICG supports most Full-HD video decoder standards, including H.264, MPEG4, MPEG2 and JPEG. The MT5363LICG also supports MediaTek MDDi™ de-interlace solution can reach very smooth picture quality for motions. A 3D comb filter added to the TV decoder recovers great details for still pictures. The special color processing technology provides natural, deep colors and true studio quality video. Also, the MT5363LICG family has built-in high resolution and high-quality audio codec.

Rich Features for High Value Products: The MT5363LICG family enables true single-chip experience. It integrates high-quality HDMI1.3, high speed VGA ADC, dual-channel LVDS, USB2.0 receiver and multi-media decoder.

Key Features:

1. DVB-T demodulator
2. A transport demultiplexer
3. A multi-standard video decoder
4. An AC3/MPEG2 audio decoder
5. HDMI1.3 receiver
6. Audio codec
7. Support networking

GENERAL FEATURE LIST

Host CPU

- ARM11
- 16K I-Cache and 16K D-Cache
- 4KB Instruction TCM
- JTAG ICE interface
- Watch Dog timers
- Build-in CPI analyzer and Cache Hit Rate Meter

Transport Demultiplexer

- Supports New generation 2 demux design
- Supports one parallel or two serial transport stream input(s) and each rate could up to 80Mbps
- Supports one serial/parallel transport stream output and its rate could up to 72Mbps
- Supports ATSC, DVB, MPEG-2, MPEG-4, and H.264 transport stream and MPEG-2 program stream demultiplexing
- Supports independent TS record and TS playback at the same time with independent data structure (PID setting/configuration/status)
- Supports TS time-shifting and/or background record functions with computation power for up to 3 TS processes
- Supports time stamp insertion for TS record and time stamp remove for TS playback
- Supports DES (64-bit key ECB/CBC) / 3-DES (192 bit key ECB/CBC) / DVB-CSA / AES (128/192/256-bit key ECB/CBC) / Multi-2 de-scramblers for TS
- Up to 8-PID even/odd descrambled keys for each of two transport stream sources (one from demodulator and the other from DRAM)
- Supports AES (128/192/256-bit key ECB/CBC) record encryption and playback decryption
- Supports AES (128/192/256-bit key ECB/CBC/CTR) encryption/decryption for all kinds of stream
- Supports up to 8-PID even/odd descrambled keys for record encryption and playback decryption
- Supports 32 PID filters for record only and 32 PID filters for playback
- Supports up to 32 section filters and also positive / negative / mask section filtering scheme
- Supports hardware CRC-32 calculation for all kinds of streams
- Supports PCR recovery function with or without external VCXO

Supports DVB-CI 1.0, DVB-CI+, and CableCARD 2.0 (both S-mode and M-mode)

Supports simple trick play (Playback / Pause / Fast Forward (up to x32)) through USB or Flash

Supports AVI format data playback with DivX DRM decryption and WMV format data playback with ND (Network Device) DRM

Supports I/P/B picture or other start code search function

Supports a stream processor for stream process and video data start code detection

MPEG2 HD Decoder

MPEG2 MP@ML, MP@HL and MPEG-1 video standards

Supports de-blocking filter

MPEG1 Decoder

MPEG4 HD Decoder

ASP@L0~L5 (1920x1088 @ 30 fps)

H.264 (MPEG4 Part 10) HD Decoder (AVC)

MP@L4.0, HP@L4.0, BP@L3 (baseline) video standard

DivX (XviD) Decoder

RM (Real Media) HD Decoder

RV8 / 9 /10

Still Image decoding

JPEG (base-line or progressive)

2D Graphics

Supports multiple color modes

Point, horizontal/vertical line primitive drawings

Rectangle fill and gradient fill functions

Bitblt with transparent options

Alpha blending and alpha composition Bitblt

Stretch Bitblt

Font rendering by color expansion

YCbCr to RGB color space conversion

Image Resizer

Supports 16bpp/32bpp direct color format.

Supports 420/422 video format.

Supports 420/422/444 JPEG format.

Arbitrary ratio vertical/horizontal scaling of video, from 1/128X to 128X

Simple DMA.

OSD Plane

Two linking list OSDs with multiple color mode and both of them have scaler

Video Plane

Supports video capture and over scan.

Flesh tone management

Gamma correction

De-mosquito and de-blocking engine for all AV inputs

Built-in motion-adaptive 3D Noise Reduction

Color Transient Improvement (CTI)

2D Peaking

Saturation/hue adjustment

Brightness and contrast adjustment

Black and White level extender

Adaptive Luma/Chroma management

Automatic detect film or video source

3:2/2:2 pull down source detection

Supports maximum 1920 width motion-adaptive de-interlace.

Supports excellent low angle image processing.

Arbitrary ratio vertical/horizontal scaling of video, from 1/32X to 32X

Advanced non-linear panorama scaling.

Programmable zoom viewer

Progressive scan output

Supports alpha blending

Dithering processing for flat panel display

Frame rate conversion.

Supports FHD panel and VGA dot-to-dot

Supports PIP/POP, (dual de-interlace, one HD and one SD)

LVDS

Supports one-channel 6/8/10/12-bit or 6/8/10-bit dual-channel LVDS transmitter

Built-in spread spectrum for EMI performance

Programmable panel timing output

CVBS In

On-chip 10-bit video ADC

Supports PAL (B,G,D,H,M,N,I,Nc), NTSC, NTSC-4.43, SECAM

NTSC/PAL supports 3D/2D comb filter

VBI data slicer for CC/TT decoding

Supports 2-S-Video.

Max. Supports 4-channel CVBS.

Supports SCART connector

VGA In

Supports VGA input up to UXGA 162 MHz

Supports full VESA standards

Component Video In

Supports two component video inputs

Supports 480i / 480p / 576i / 576p / 720p / 1080i / 1080p

Audio ADC

7 pair / 14 channels to 1 on chip Audio ADC

Audio digital input

1 bit I2S audio input

HDMI Receiver

2 ports HDMI1.3, data rate can be up to 2.25 GHz

EIA/CEA-861B

CEC

Video bypass

TVbypass

CVBS Monitor (any AV input)

TV audio demodulator

Supports BTSC / EIA-J / A2 / NICAM / PAL FM / SECAM world-wide formats

Standard automatic detection

Stereo demodulation, SAP demodulation

Mode selection (Main/SAP/Stereo)

Audio DAC

8 on-chip audio DACs (4-pair) supports R/L channel and subwoofer outputs

DRAM Controller

16/32-bit DDR2 interface

Supports 64Mb to 2Gb DDR DRAM device. 16-bit data bus offers up to 64MB space (one x16

DRAM device), and 32-bit data bus offers up to 512MB space (two x16 DRAM device).

Support DDR2

Audio DSP

Supports Dolby Digital AC-3 decoding (ATSC), E-AC-3 decoding

MPEG-1 layer I/II decoding

Dolby Prologic II

Supports WMA / HE-AAC / ADPCM / LPCM / MP3

Audio output: 5.1ch + 2ch (down mix) + 2ch(bypass) + 2ch(TV bypass)

Pink noise and white noise generator

Equalizer

Bass management

3D surround processing with virtual surround

Audio and video lip synchronization

Automatic volume control

Supports 5-bit (10-channel) main audio I^2S output interface: each of these channels is up to 24-bit resolution.

S/PDIF interface

One SPDIF input

One SPDIF out

Digital TV(DVB-T) Demodulator

COFDM (Coded Orthogonal Frequency Division Multiplex) channel demodulator for DVB-T receiver

ETSI 300 744 & Nordig Unified compliant

Excellent performance for SFN (Single Frequency Network) & Indoor reception

Supports 2K, 8K modes

Supports QPSK,16,64 QAM constellations

1/4,1/8,1/16,1/32 Guard interval

Supports hierarchical & non-hierarchical modes

Accept 6,7,8 MHz channel bandwidth

Automatic mode detection

Full-digital timing/frequency with wide acquisition range

Supports triple offset

Excellent adjacent Channel interference (ACI) rejection capability

Excellent Co-Channel interference (CCI) rejection capability

Fast channel lock time

Analog TV IF Demodulator

Supports PAL/SECAM standard

Supports B/G, DK, I, L, L', M/N standard

Accept IF frequency at 38.25 MHz

Full digital AGC control and carrier recovery

Peripherals

Three built-in UARTs with Tx and Rx FIFO. Two of them have high speed data transferring.

The MT5363LICG family has two basic serial interfaces; one is for the tuner or the master for general purpose, the other is the slave for HDMI EDID data.

Three PWMs

MT5363LICG supports MS/MS-PRO, SD/MMC, and SDHC card reader.

IR receiver

Real-time clock and watchdog controller

The MT5363LICG includes 1-link USB2.0/1.1 (supports external hub) for USB mass storage class device.

Built-in uP in standby module

SDIO interface (for DSG, WiFi or UWB)

Supports two serial flash or one serial and one NAND

Supports six-input low-speed ADC.

Supports boundary scan (JTAG)

Supports MII interface (built-in Ethernet MAC)

IC Outline

The MT5363LICG is 27x27mm BGA Package

3.3V/1.0V and 1.8V for DDR2

1.2. U101 (Si2163 QFN-36)

Description

The analog front-end consists of two ADCs with wide dynamic range (12-bit) to allow operation with standard IF (~36 MHz), Low-IF, or Zero-IF inputs. This enables the use of the Si2163 with any TV tuner, either metal can or silicon tuner based. The Si2163 supports ITU J.83 annex A/C and DVB-C (EN 300 429) and accepts symbol rates from 1 to 7 MSymbol/s.The Si2163 includes a user-configurable 31-tap equalizer for optimum reception even in case of difficult network conditions, such as long echoes. Serial or parallel master MPEG TS output modes are supported. Furthermore, a TS slave parallel mode is available via a GPIF port and provides glue less interface to Silicon Labs' MCU devices with embedded USB interface. The user can optionally program a 32-PID hardware filter to reduce the output TS bit rate (or add more TS security for Pay-TV channels).An embedded DSP controls the scanning operations. The Si2163 supports ultra-fast channel scanning for VHF/UHF cable DTV channels, thanks to proprietary features. For supported tuners, the complete algorithm for fast channel scan, QuickScan, is provided as a downloadable patch file. QuickScan runs on the embedded DSP to limit the host CPU / MPEG decoder software burden.An internal I^2C pass-through logic switch acts as an I^2C repeater and provides a "quiet" I^2C bus to the RF front end. A maximum of six general-purpose inputs/outputs are available; three GPIOs also feature Δ/Σ and interrupt output capabilities. Best-in-class demodulation performance is achieved while still maintaining very low-power operation. The Si2163 also includes an IF sub-sampling mode for further reducing power consumption. The Si2163 guarantees a low-cost system implementation due to its minimal BOM and very small package footprint. Si2163 remains pin-to-pin application compatible with Si2165 (multi-standard DVB-T & DVB-C demodulator) and Si2161 (DVB-T demodulator).

Features

- ITU J.83 Annex A/C and DVB-C (EN 300 429) compliant
- NorDig Unified 1.0.3 and C-Book compliant
- Suitable for low power design: 115 mW (typical, 36 MHz IF normal sampling mode)
- Dual 12-bit ADCs: accept 1st IF, low IF, or zero-IF inputs.
- 1 to 7 MBaud symbol rate
- Independent AGC controls (for IF & RF), plus RSSI measurement
- ACI filtering: fixed 8 MHz SAW filter even for low symbol rates
- Ultra fast, DSP controlled, automatic UHF/VHF band scanning (QuickScan)
- Master TS output modes, parallel or serial (with tri-state function)
- Slave TS parallel output: external device polls data from an embedded FIFO. This provides a seamless interface to any USB controller.
- On-chip PID filtering to reduce TS output bit rate
- Up to six GPIOs
- Two 5 V tolerant I2C control buses (host-side, tuner-side) with on-chip I2C logic switch.
- 4, 16, 20, 24, or 27 MHz clock/crystal reference
- 3.3 and 1.2 V power supplies only
- Very compact QFN-36, 5 x 6 mm, RoHS compliant package

Applications

- Digital cable STB, NIM, and iDTV set
- Cable enabled Personal Video Recorder (DVD or HDD-based)
- Digital cable PC-TV card or peripheral

1.3. U402 (NT5TU32M16CG-BD BGA-84)

Features

Speed Sorts	DDR2-533 -37B/-37BI	DDR2-667 -3C/-3CI	DDR2-800 -25D/-25DI	DDR2-800 -25C/-25CI	DDR2-1066 -BE	DDR2-1066 -BD	Units
Bin (CL-tRCD-TRP)	4-4-4	5-5-5	6-6-6	5-5-5	7-7-7	6-6-6	tCK
max. Clock Frequency	266	333	400	400	533	533	MHz
Data Rate	533	667	800	800	1066	1066	Mbps
$\overline{CAS}$ Latency	4	5	6	5	7	6	tCK
t_{RCD}	15	15	15	12.5	13.125	11.25	ns
t_{RP}	15	15	15	12.5	13.125	11.25	ns
t_{RC}	60	60	60	57.5	53.125	51.25	ns

- 1.8V ± 0.1V Power Supply Voltage
- Programmable CAS Latency: 3,4,5,6 and 7
- Programmable Additive Latency: 0, 1, 2, 3, and 4
- Write Latency = Read Latency -1
- Programmable Burst Length: 4 and 8
- Programmable Sequential / Interleave Burst
- OCD (Off-Chip Driver Impedance Adjustment)
- ODT (On-Die Termination)
- 4 bit prefetch architecture
- 1k page size for x 4 & x 8
  2k page size for x16
- Data-Strobes: Bidirectional, Differential
- 4 internal memory banks
- Strong and Weak Strength Data-Output Driver
- Auto-Refresh and Self-Refresh
- Power Saving Power-Down modes
- Industrial grade device supports -40oC ~95oC operating
  temperature. (-37BI/-3CI/-25DI/-25CI)
- 7.8 µs max. Average Periodic Refresh Interval
- Packages:
  60 Ball BGA for x4/x8 components
  84 Ball BGA for x16 component
- RoHS Compliance

Description

The 512Mb Double-Data-Rate-2 (DDR2) DRAMs is a highspeed CMOS Double Data Rate 2 SDRAM containing 536,870,912 bits. It is internally configured as a quad-bank DRAM.

The 512Mb chip is organized as either 32Mbit x 4 I/O x 4 banks, 16Mbit x 8 I/O x 4 banks or 8Mbit x 16 I/O x 4 banks device.

The chip is designed to comply with all key DDR2 DRAM key features: (1) posted CAS with additive latency, (2) write latency = read latency -1, (3) normal and weak strength dataoutput driver, (4) variable data-output impedance adjustment and (5) an ODT (On-Die Termination) function.

All of the control and address inputs are synchronized with a pair of externally supplied differential clocks. Inputs are latched at the cross point of differential clocks (CK rising and CK falling). All I/Os are synchronized with a single ended DQS or differential DQS pair in a source synchronous fashion.

A 14 bit address bus for x4 and x8 organized components and a 13 bit address bus for x16 components is used to convey row, column, and bank address devices.

These devices operate with a single 1.8V+/-0.1V power supply and are available in BGA packages.

An Auto-Refresh and Self-Refresh mode is provided along with various power-saving power-down modes.

1.4. U601 (TPA3110D2 15W TSSOP-28)

Features

· 15-W/ch into an 8-Ω Load at 10% THD+N From a 16-V Supply

· 10-W/ch into an 8-Ω Load at 10% THD+N From a 13-V Supply

· Operates from 8 V to 26 V

· 87% Efficient Class-D Operation Eliminates Need for Heat Sinks

· Four Selectable, Fixed Gain Settings

· Differential Inputs

· Thermal and Short-Circuit Protection With Auto Recovery Feature

· Speaker Protection Using Adjustable Power Limit

· DC Detect

· Surface Mount 28-pin TSSOP (PWP) Package

APPLICATIONS

· Televisions

· Consumer Audio Equipment

DESCRIPTION

The TPA3110D2 is a 15-W (per channel) efficient, Class-D audio power amplifier for driving bridged-tied stereo speakers. The TPA3110D2 can drive stereo speakers as low as 4 Ω. The high efficiency of the TPA3110D2, 87%, eliminates the need for an external heat sink when playing music.

The gain of the amplifier is controlled by two gain select pins. The gain selections are 20, 26, 32, 36 dB.

The outputs are fully protected against shorts to GND, VCC, and output-to-output shorts with an auto recovery feature and monitor output. Speakers may be protected by an adjustable power limit circuit. Dc detect is also included to prevent speaker damage.

1.5. U602 (TPA6132A2RTER 25mW QFN-16)

FEATURES

· Patented DirectPath™ Technology Eliminates
  Need for DC-Blocking Capacitors
  – Outputs Biased at 0 V
  – Excellent Low Frequency Fidelity
· Active Click and Pop Suppression
· 2.1 mA Typical Supply Current
· Fully Differential or Single-Ended Inputs
  – Built-In Resistors Reduces Component Count
  – Improves System Noise Performance
· Constant Maximum Output Power from 2.3 V to 5.5 V Supply
  – Simplifies Design to Prevent Acoustic Shock
· Improved RF Noise Immunity
· Microsoft™ Windows Vista™ Compliant
· High Power Supply Noise Rejection
  – 100 dB PSRR at 217 Hz
  – 90 dB PSRR at 10 kHz
· Wide Power Supply Range: 2.3 V to 5.5 V
· Gain Settings: –6 dB, 0 dB, 3 dB, and 6 dB
· Short-Circuit and Thermal-Overload Protection
· ±8 kV HBM ESD Protected Outputs
· Small Package Available
  – 16-Pin, 3 mm × 3 mm Thin QFN

APPLICATIONS

· Smart Phones / Cellular Phones
· Notebook Computers
· CD / MP3 Players
· Portable Gaming

DESCRIPTION

The TPA6132A2 (sometimes referred to as TPA6132) is a DirectPath™ stereo headphone amplifier that eliminates the need for external dc-blocking output capacitors. Differential stereo inputs and built-in resistors set the device gain, further reducing external component count. Gain is selectable at –6 dB, 0 dB, 3 dB or 6 dB. The amplifier drives 25 mW into 16 Ω speakers from a single 2.3 V supply. The TPA6132A2 (TPA6132) provides a constant maximum output power independent of the supply voltage, thus facilitating the design for prevention of acoustic shock.

The TPA6132A2 (TPA6132) features fully differential inputs to reduce system noise pickup between the audio source and the headphone amplifier. The high power supply noise rejection performance and differential architecture provides increased RF noise immunity. For single-ended input signals, connect INL+ and INR+ to ground.

The device has built-in pop suppression circuitry to completely eliminate disturbing pop noise during turn-on and turn-off. The amplifier outputs have short-circuit and thermal-overload protection along with ±8 kV HBM ESD protection, simplifying end equipment compliance to the IEC 61000-4-2 ESD standard.

The TPA6132A2 (TPA6132) operates from a single 2.3 V to 5.5 V supply with 2.1 mA of typical supply current. Shutdown mode reduces supply current to less than 1 mA.

1.6. U4051 (HY27US08281A-TPIB 128MB TSOP48)

FEATURES SUMMARY

HIGH DENSITY NAND FLASH MEMORIES

- Cost effective solutions for mass storage applications

NAND INTERFACE

- x8 or x16 bus width.
- Multiplexed Address/ Data
- Pinout compatibility for all densities

SUPPLY VOLTAGE

- 3.3V device: VCC = 2.7 to 3.6V : HY27USXX281A

Memory Cell Array

= (512+16) Bytes x 32 Pages x 1,024 Blocks

= (256+8) Words x 32 pages x 1,024 Blocks

PAGE SIZE

- x8 device : (512 + 16 spare) Bytes
  : HY27US08281A
- x16 device: (256 + 8 spare) Words
  : HY27US16281A

BLOCK SIZE

- x8 device: (16K + 512 spare) Bytes
- x16 device: (8K + 256 spare) Words

PAGE READ / PROGRAM

- Random access: 10us (max.)
- Sequential access: 3.3V device: 50ns (min.)
- Page program time: 200us (typ.)

COPY BACK PROGRAM MODE

- Fast page copy without external buffering

FAST BLOCK ERASE

- Block erase time: 2ms (Typ.)

STATUS REGISTER

ELECTRONIC SIGNATURE

- Manufacturer Code
- Device Code

CHIP ENABLE DON'T CARE OPTION

- Simple interface with microcontroller

AUTOMATIC PAGE 0 READ AT POWER-UP OPTION

- Boot from NAND support
- Automatic Memory Download

SERIAL NUMBER OPTION

HARDWARE DATA PROTECTION

- Program/Erase locked during Power transitions

DATA INTEGRITY

- 100,000 Program/Erase cycles
- 10 years Data Retention

PACKAGE

- HY27US(08/16)281A-T(P)

: 48-Pin TSOP1 (12 x 20 x 1.2 mm)

- HY27US(08/16)281A-T (Lead)
- HY27US(08/16)281A-TP (Lead Free)
- HY27US(08/16)281A-S(P)

: 48-Pin USOP1 (12 x 17 x 0.65 mm)

- HY27US(08/16)281A-S (Lead)
- HY27US(08/16)281A-SP (Lead Free)

SUMMARY DESCRIPTION

The HYNIX HY27US(08/16)281A series is a 16Mx8bit with spare 4G bit capacity. The device is offered in 1.8V Vcc Power Supply and in 3.3V Vcc Power Supply.

Its NAND cell provides the most cost-effective solution for the solid state mass storage market.

The memory is divided into blocks that can be erased independently so it is possible to preserve valid data while old data is erased.

The device contains 1024 blocks, composed by 32 pages consisting in two NAND structures of 16 series connected Flash cells.

A program operation allows to write the 512-byte page in typical 200us and an erase operation can be performed in typical 2ms on a 16K-byte(X8 device) block.

Data in the page mode can be read out at 50ns cycle time per byte. The I/O pins serve as the ports for address and data input/output as well as command input. This interface allows a reduced pin count and easy migration towards different densities, without any rearrangement of footprint.

Commands, Data and Addresses are synchronously introduced using CE#, WE#, ALE and CLE input pin. The on-chip Program/Erase Controller automates all program and erase functions including pulse repetition, where required, and internal verification and margining of data.

The modifying can be locked using the WP# input pin.

The output pin RB# (open drain buffer) signals the status of the device during each operation. In a system with multiple memories the RB# pins can be connected all together to provide a global status signal.

Even the write-intensive systems can take advantage of the HY27US(08/16)281A extended reliability of 100K program/

erase cycles by providing ECC (Error Correcting Code) with real time mapping-out algorithm.

Optionally the chip could be offered with the CE# don't care function. This option allows the direct download of the code from the NAND Flash memory device by a microcontroller, since the CE# transitions do not stop the read operation.

The copy back function allows the optimization of defective blocks management: when a page program operation fails the data can be directly programmed in another page inside the same array section without the time consuming serial data insertion phase.

This device includes also extra features like OTP/Unique ID area, Block Lock mechanism, Automatic Read at Power Up, Read ID2 extension.

The Hynix HY27US(08/16)281A series is available in 48 - TSOP1 12 x 20 mm, 48 - USOP1 12 x 17 mm.

1.7. U4053 (MAX3232EEUE TSSOP-16)

General Description

The MAX3222E/MAX3232E/MAX3237E/MAX3241E/MAX3246E +3.0V-powered EIA/TIA-232 and V.28/V.24 communications interface devices feature low power consumption, high data-rate capabilities, and enhanced electrostatic-discharge (ESD) protection. The enhanced ESD structure protects all transmitter outputs and receiver inputs to ±15kV using IEC 1000-4-2 Air-Gap Discharge, ±8kV using IEC 1000-4-2 Contact Discharge (±9kV for MAX3246E), and ±15kV using the Human Body Model. The logic and receiver I/O pins of the MAX3237E are protected to the above standards, while the transmitter

output pins are protected to ±15kV using the Human Body Model.

A proprietary low-dropout transmitter output stage delivers true RS-232 performance from a +3.0V to +5.5V power supply, using an internal dual charge pump. The charge pump requires only four small 0.1µF capacitors for operation from a +3.3V supply. Each device guarantees operation at data rates of 250kbps while maintaining RS-232 output levels. The MAX3237E guarantees operation at 250kbps in the normal operating mode and 1Mbps in the MegaBaud™ operating mode, while maintaining RS-232 compliant output levels.

The MAX3222E/MAX3232E have two receivers and two transmitters. The MAX3222E features a 1µA shutdown mode that reduces power consumption in battery-powered portable systems. The MAX3222E receivers remain active in shutdown mode, allowing monitoring of external devices while consuming only 1µA of supply current. The MAX3222E and MAX3232E are pin, package, and functionally compatible with the industry-standard MAX242 and MAX232, respectively.

The MAX3241E/MAX3246E are complete serial ports (three drivers/five receivers) designed for notebook and subnotebook computers. The MAX3237E (five drivers/three receivers) is ideal for peripheral applications that require fast data transfer. These devices feature a shutdown mode in which all receivers remain active, while consuming only 1µA (MAX3241E/MAX3246E) or 10nA (MAX3237E).

The MAX3222E, MAX3232E, and MAX3241E are available in space-saving SO, SSOP, TQFN and TSSOP packages. The MAX3237E is offered in an SSOP package. The MAX3246E is offered in the ultra-small 6 x 6 UCSP™ package.

Applications

Battery-Powered Equipment Printers

Cell Phones Smart Phones

Cell-Phone Data Cables xDSL Modems

LC-19LE320, LC-22LE320, LC-26LE320, LC-32LE320, LC-37LE320, LC-42LE320

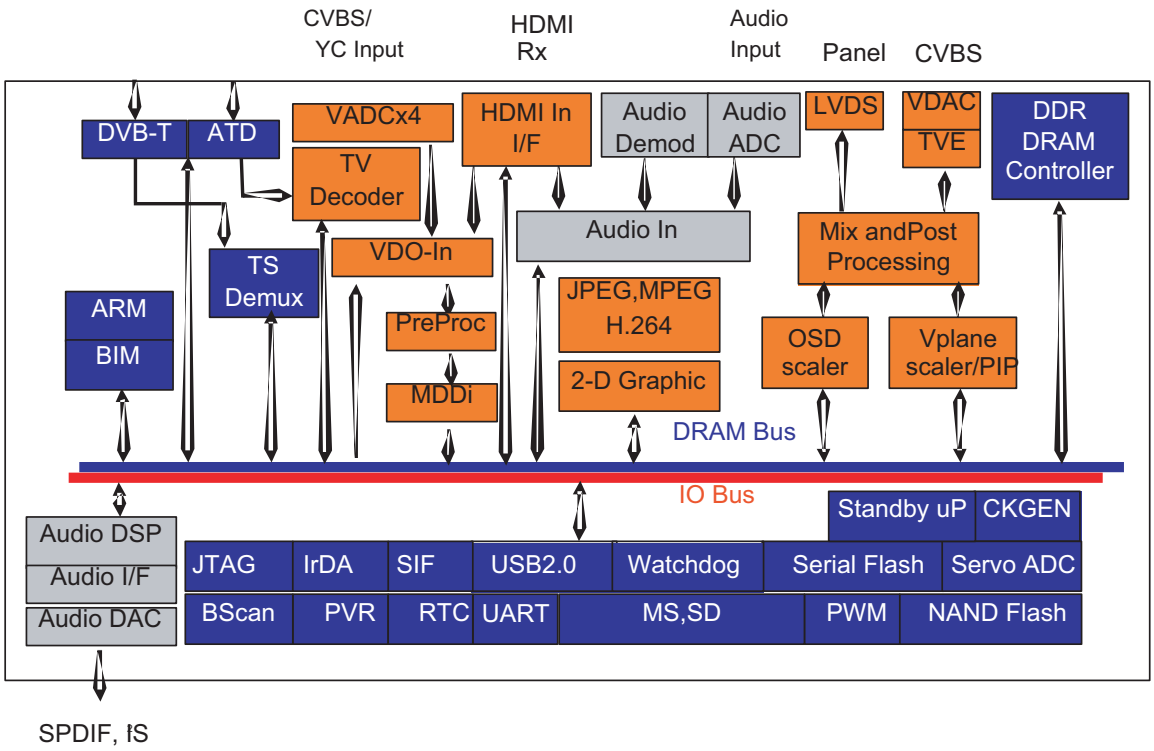
Notebook, Subnotebook,

and Palmtop Computers

2. Detailed ICs Information

2.1. U401 (MT5363LICG BGA-522)

2.1.1 Block Diagram



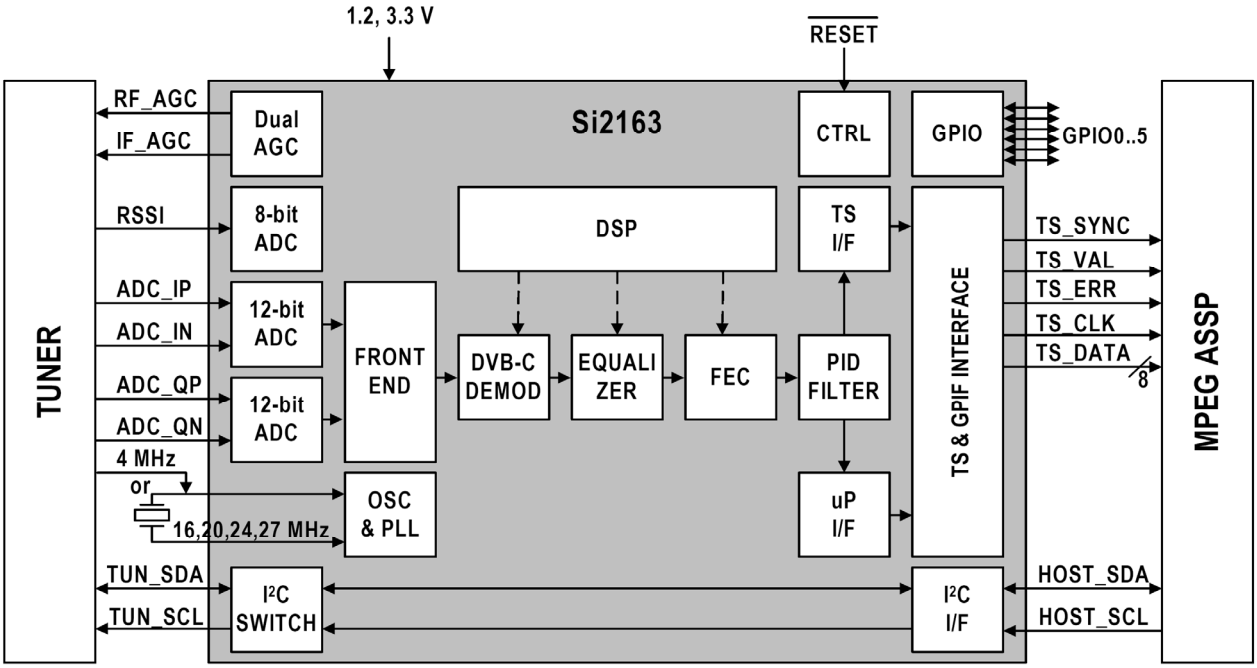
2.1.2 Pin Connections

LT	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
A		RCLK0_		RDQ10		RDQ15		RDQS0_		RDQ14		RDQ12				AO1N		AOCKN	
B	VCC2IO		RCLK0		RDQ8		RDQS1		RDQS0		RDQ11		VCC2IO		AO0N		AO2N		AO3N
C		VCC2IO		RDQ13		RDQS1_		DVSS		RDQM1		VCC2IO				AO1P		AOCKP	
D	RA9		VCC2IO		RDQ5		RDQ0		DVSS		RDQ9		VCC2IO		AO0P		AO2P		AO3P
E		RA12		VCC2IO		RDQ2		DVSS		RDQM0		VCC2IO		VCC2IO		AE0N		AE2N	
F	RA5		RA7		VCC2IO		RDQ7		DVSS		RDQ6		VCC2IO		AVDD33_LVDS		AE1N		AECKN
G		RA10		RA3		VCC2IO		DVSS		DVSS		RDQ3		VCC2IO		AE0P		AE2P	
H	RBA2		RBA0		RA1		VCC2IO				RDQ1		RDQ4		AVDD33_LVDS		AE1P		AECKP
J		RBA1		DVSS		DVSS								VCC2IO				AVSS33_LVDS	
K	RCKE		RWE_		MEMTN		MEMTP												
L		RCAS_		DVSS		DVSS													
M	RA13		RA2		RA4		RA6												TP_VPLL
N		RA11		RA0		RODT		RVREF						DVSS		AVDD12_LVDS		AVDD12_VPLL	
P	RA8		RCS_		RRAS_		RVREF						AVDD12_MEMPL		DVSS		AVSS12_LVDS		AVSS12_VPLL
R		VCC2IO		VCC2IO		VCC2IO								DVSS		VCCK		DVSS	
T	RDQ19		RDQ20		RDQ30		RDQ25						AVSS12_MEMPLL		DVSS		DVSS		DVSS
U		RDQ22		RDQ17		RDQM3								VCCK		DVSS		DVSS	
V	RDQM2		RDQS2		RDQ28		RDQ27						VCCK		DVSS		DVSS		DVSS
W		RDQS2_		DVSS		DVSS								DVSS		DVSS		DVSS	
Y	RDQS3		DVSS		RDQ24		RDQ31						VCCK		VCCK		DVSS		DVSS
AA		RDQS3_		RDQ29		RDQ26								VCCK		DVSS		DVSS	
AB	RDQ16		RDQ23		REXTDN								DVSS		DVSS		DVSS		DVSS
AC		RDQ21		RDQ18		VCC2IO								DVSS		DVSS		DVSS	
AD	RCLK1		RCLK1_		VCC2IO		VCC2IO						DVSS		VCCK		VCCK		VCCK
AE		VCC2IO		VCC2IO		GPIO39		DVSS						VCCK		VCCK		VCCK	
AF	VCC2IO		VCC2IO		GPIO37		GPIO40		DVSS				VCCIO33-1		VCCIO33-1				
AG		GPIO38		GPIO41		GPIO42						VCCK							
AH	GPIO44		GPIO43		JTDO		VCCK												
AJ		JTDI		JTMS		VCCK		VCCK											
AK	JTRST_		JTCK		VCCK		VCCK												
AL		VCCK		VCCK		VCCK		VCCK		AVDD12_USB		HDMI_SCL2		HDMI_SDA2		PWR5V_1		HDMI_HPD1	
AM	VCCK		VCCK		VCCK		VCCK		AVSS12_USB		AVDD33_USB		AVDD33_HDMI		PWR5V_2		HDMI_SCL1		OPCTRL1
AN		VCCK		VCCK		POCE1_				USB_VRT		AVSS33_HDMI		HDMI_CEC		HDMI_HPD2		HDMI_SDA1	
AP	OSDA0		OSCL0		PDD1		PDD4		AVSS33_USB		AVDD12_HDMI		RX2_0		RX2_2		RX1_0		RX1_2
AR		PDD0		PAALE		PDD2		PDD6		USB_DM		RX2_C		RX2_1		RX1_C		RX1_1	
AT	POCE0_		POWE_		PARB_		PDD5		AVSS33_USB		AVSS33_USB		RX2_0B		RX2_2B		RX1_0B		RX1_2B
AU		POOE_		PACLE		PDD3		PDD7		USB_DP		RX2_CB		RX2_1B		RX1_CB		RX1_1B	
AV	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19

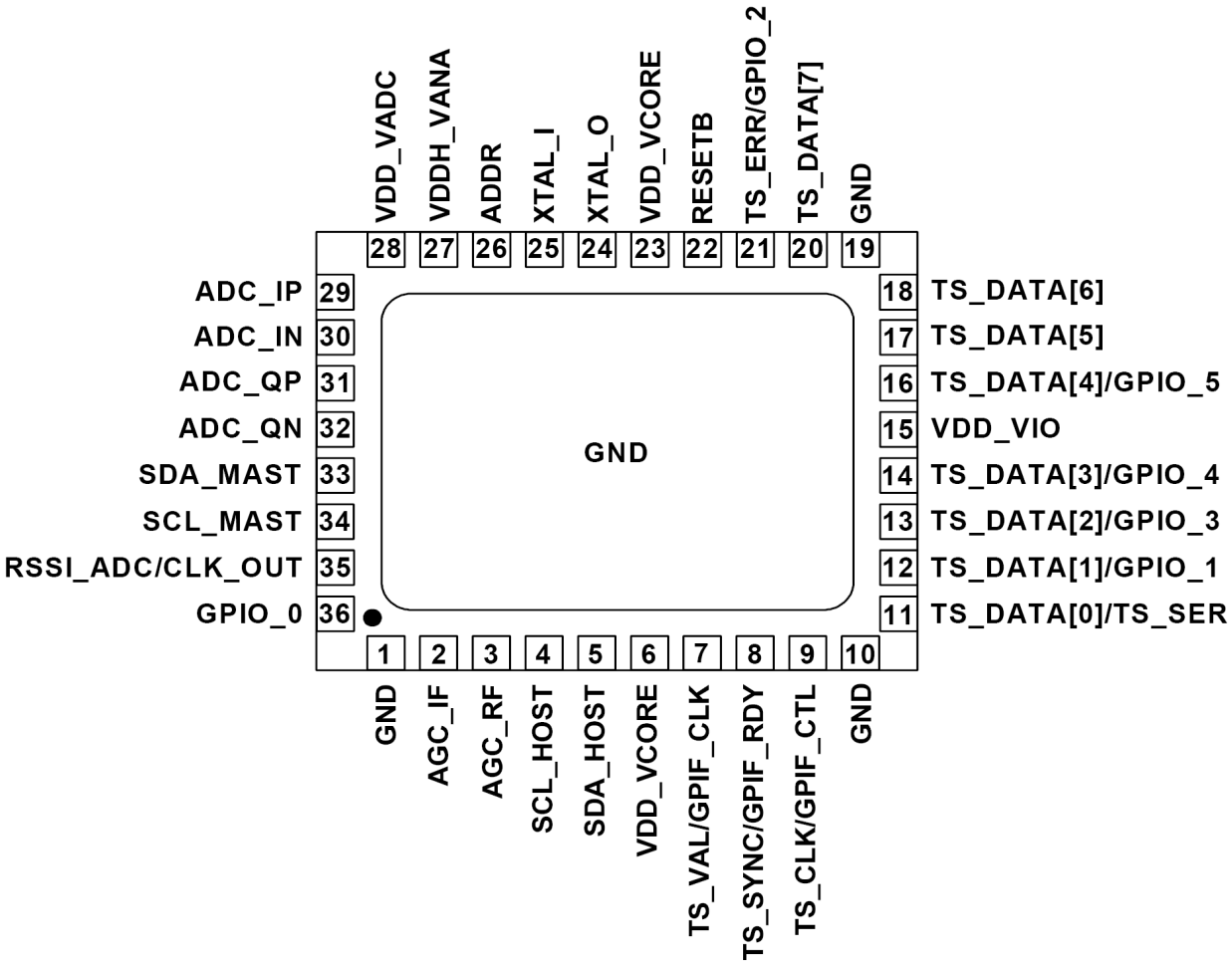
20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	RT	
AO4N		GPIO35				GPIO21				GPIO3		ETTXD0		ETRXD2		ETRXD0			A
	DVSS		GPIO32		GPIO26		GPIO17		GPIO9		ETTXD3		ETRXCLK		ETRXD1		ETRXDV		B
AO4P		GPIO36		GPIO28		GPIO22		GPIO11		GPIO4		ETTXD1		ETRXD3		ETCRS			C
	DVSS		GPIO34		GPIO27		GPIO18		GPIO10		ETTXEN		ETTXCLK		ETRXER		ETMDIO		D
AE3N		DVSS		GPIO30		GPIO20		GPIO12		GPIO6		ETTXD2		ETTXER		ETMDC			E
	AE4N		GPIO33		GPIO24		GPIO16		GPIO8		ETPHYCLK		CI_MCLKO		CI_MCLKI		CI_MOSTRT		F
AE3P		DVSS		GPIO29		GPIO19		GPIO14		GPIO5		ETCOL		CI_MIVAL		CI_MOVAL			G
	AE4P		VCCIO33		GPIO25		GPIO15		GPIO7		VCCIO33		CI_MISTRT		CI_MDI0		CI_MDO		H
				GPIO31		GPIO23		GPIO13		VCCIO33		GPIO2		OPWM0		OPWM1	0		J
											AOSDATA3		ASPDIF		GPIO0		GPIO1		K
										FSRC_WR		ALIN		AOBCK		AOSDATA0			L
											IF_AGC		RF_AGC		AOMCLK		AOLRCK		M
DVSS		VCCK		VCCK								AOSDATA4		TUNER_DATA		TUNER_CLK			N
	DVSS		DVSS		DVSS						OSCL2		OSDA2		AOSDATA1		AOSDATA2		P
DVSS		DVSS		DVSS								OSDA1		OSCL1		U1RX			R
	DVSS		DVSS		VCCK						AVDD33_ADAC1		OPWM2		U1TX		VCXO		T
DVSS		DVSS		DVSS						AVSS33_ADAC1		AL1		AR2		AR3			U
	DVSS		DVSS		VCCK						VCCIO33		AR1		AL2		AL3		V
DVSS		DVSS		VCCK						AVDD33_REF_A		VCCIO33		VCCIO33		VCCIO33			W
	DVSS		DVSS		VCCK				AVSS33_REF_AA		AVDD33_AADC		AVSS33_AADC		AIN5_R_AADC		AIN6_R_AADC		Y
DVSS		DVSS		VCCK						VMID_ADC		AIN4_L_AADC		AIN5_L_AADC		AIN6_L_AADC			AA
	DVSS		DVSS		VCCK						AIN1_L_AADC		AIN4_R_AADC		AIN2_R_AADC		AIN3_R_AADC		AB
DVSS		DVSS		DVSS								AIN1_R_AADC		AIN0_R_AADC		AIN3_L_AADC			AC
	DVSS		DVSS		DVSS								AIN0_L_AADC		AIN2_L_AADC				AD
VCCK		VCCK		DVSS										AVSS33_ADAC0		AR0			AE
									AVDD12_TVDPLL				AVDD33_ADA		AVICM		AL0		AF
										AVDD12_APLL		AVDD12_SYSPLL		AVDD33_DEM		AVSS33_DEMOD1			AG
									AVSS12_PLL		AVSS12_PLL		AVDD12_ADCPLL		ADCINN_DEMOD		ADCINP_DEMOD		AH
										AVSS33_DIG				XTALO		XTALI			AJ
									AVSS33_SIF		AVDD33_DIG		ADIN1_SRV		AVDD33_XTAL_S		AVSS33_XT		AK
OPWRSB		ORESET_		AVSS33_VGA_ST						AVDD33_SIF		ADIN0_SRV		ADIN3_SRV		ADIN5_SRV			AL
	OPCTRL0		AVDD10LDO		AVDD12RGB				FS_VDAC		BYPASS0		AF		ADIN2_SRV		ADIN4_SRV		AM
OPCTRL2		OIRI		AVDD33_VGA_S		AVSS12_RGB				AVDD33_VDAC		AVDD33_CVBS		MPXP		MPXN			AN
	U0TX		SOG		SOY1		PR1P		PB0P		VDAC_OUT1		SY0		CVBS2P		TUNER_		AP
OPCTRL3		HSYNC		COM		COM1		Y0P		AVSS33_VDAC		AVSS33_CVBS		SY1		CVBS0N	BYPASS		AR
	U0RX		BP		RP		PB1P		COM0		VDAC_OUT2		SC0		CVBS3P		CVBS0P		AT
OPCTRL4		VSYNC		GP		Y1P		SOY0		PR0P				SC1		CVBS1P			AU
20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37		RB

2.2. U101 (Si2163 QFN-36)

2.2.1 Block Diagram

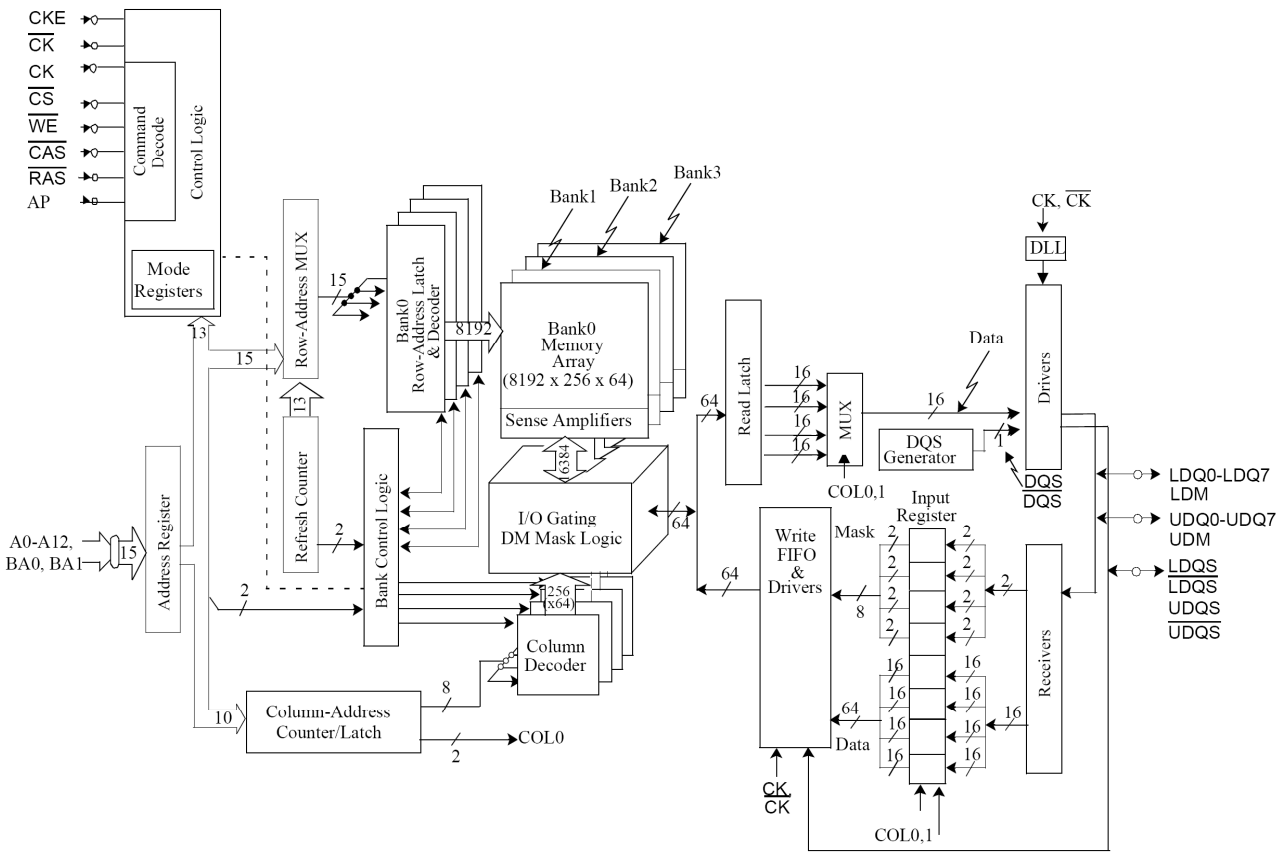


2.2.2 Pin Connections and short description



2.3. U402 (NT5TU32M16CG-BD BGA-84)

2.3.1 Block Diagram



Note: This Functional Block Diagram is intended to facilitate user understanding of the operation of the device; it does not represent an actual circuit implementation.

Note: DM is a unidirectional signal (input only), but is internally loaded to match the load of the bidirectional DQ and DQS signals.

2.3.2 Pin Connections and short description

x 16

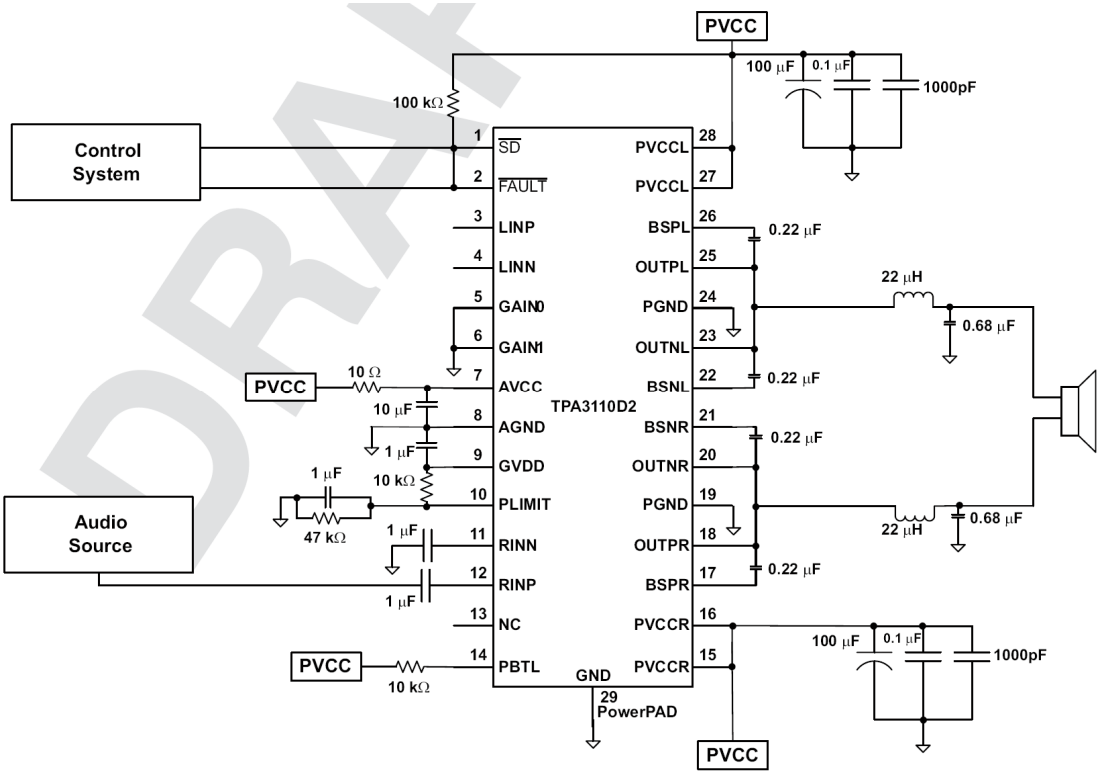
1	2	3		7	8	9
VDD	NC	VSS	A	VSSQ	$\overline{\text{UDQS}}$	VDDQ
DQ14	VSSQ	UDM	B	UDQS	VSSQ	DQ15
VDDQ	DQ9	VDDQ	C	VDDQ	DQ8	VDDQ
DQ12	VSSQ	DQ11	D	DQ10	VSSQ	DQ13
VDD	NC	VSS	E	VSSQ	$\overline{\text{LDQS}}$	VDDQ
DQ6	VSSQ	LDM	F	LDQS	VSSQ	DQ7
VDDQ	DQ1	VDDQ	G	VDDQ	DQ0	VDDQ
DQ4	VSSQ	DQ3	H	DQ2	VSSQ	DQ5
VDDL	VREF	VSS	J	VSSDL	CK	VDD
	CKE	$\overline{\text{WE}}$	K	$\overline{\text{RAS}}$	$\overline{\text{CK}}$	ODT
NC	BA0	BA1	L	$\overline{\text{CAS}}$	$\overline{\text{CS}}$	
	A10/AP	A1	M	A2	A0	VDD
VSS	A3	A5	N	A6	A4	
	A7	A9	P	A11	A8	VSS
VDD	A12	NC	R	NC	NC	

Input/Output Functional Description

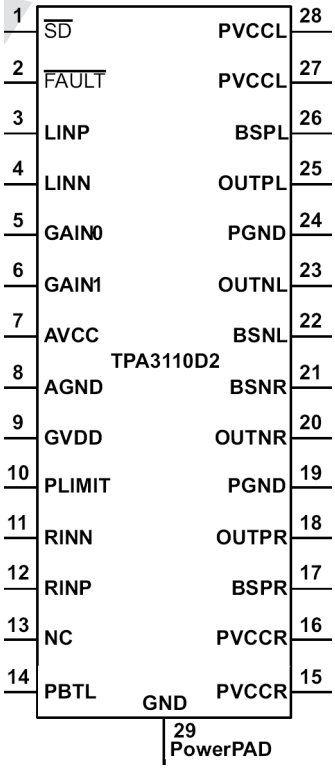
Symbol	Type	Function
CK, $\overline{CK}$	Input	**Clock:** CK and $\overline{CK}$ are differential clock inputs. All address and control input signals are sampled on the crossing of the positive edge of CK and negative edge of $\overline{CK}$. Output (read) data is referenced to the crossings of CK and $\overline{CK}$ (both directions of crossing).
CKE	Input	**Clock Enable:** CKE high activates and CKE low deactivates internal clock signals and device input buffers and output drivers. Taking CKE low provides Precharge Power-Down and Self-Refresh operation (all banks idle), or Active Power-Down (row Active in any bank). CKE is synchronous for power down entry and exit and for Self-Refresh entry. CKE is asynchronous for Self-Refresh exit. CKE must be maintained high throughout read and write accesses. Input buffers, excluding CK, $\overline{CK}$, ODT and CKE are disabled during Power Down. Input buffers, excluding CKE are disabled during Self-Refresh.
$\overline{CS}$	Input	**Chip Select:** All command are masked when $\overline{CS}$ is registered high. $\overline{CS}$ provides for external rank selection on systems with multiple memory ranks. $\overline{CS}$ is considered part of the command code.
$\overline{RAS}$, $\overline{CAS}$, $\overline{WE}$	Input	**Command Inputs:** $\overline{RAS}$, $\overline{CAS}$ and $\overline{WE}$ (along with $\overline{CS}$) define the command being entered.
DM, LDM, UDM	Input	**Input Data Mask:** DM is an input mask signal for write data. Input data is masked when DM is sampled high coincident with that input data during a Write access. DM is sampled on both edges of DQS. Although DM pins are input only, the DM loading matches the DQ and DQS loading. LDM and UDM are the input mask signals for x16 components and control the lower or upper bytes. For x8 components the data mask function is disabled, when RDQS / $\overline{RQDS}$ are enabled by EMR(1) command.
BA0, BA1	Input	**Bank Address Inputs:** BA0 and BA1 define to which bank an Active, Read, Write or Precharge command is being applied. BA0 and BA1 also determines if the mode register or extended mode register is to be accessed during a MRS or EMR cycle.
A0 - A13	Input	**Address Inputs:** Provides the row address for Activate commands and the column address and Auto-Precharge bit A10 (=AP) for Read/Write commands to select one location out of the memory array in the respective bank. A10 (=AP) is sampled during a Precharge command to determine whether the Precharge applies to one bank (A10=low) or all banks (A10=high). If only one bank is to be precharged, the bank is selected by BA0 and BA1. The address inputs also provide the op-code during Mode Register Set commands. Row address A13 is used on x4 and x8 components only.
DQ	Input/Output	**Data Inputs/Output:** Bi-directional data bus.
DQS, ($\overline{DQS}$) LDQS, ($\overline{LDQS}$), UDQS,($\overline{UDQS}$)	Input/Output	**Data Strobe:** output with read data, input with write data. Edge aligned with read data, centered with write data. For the x16, LDQS corresponds to the data on LDQ0 - LDQ7; UDQS corresponds to the data on UDQ0-UDQ7. The data strobes DQS, LDQS, UDQS may be used in single ended mode or paired with the optional complementary signals $\overline{DQS}$, $\overline{LDQS}$, $\overline{UDQS}$ to provide differential pair signaling to the system during both reads and writes. An EMR(1) control bit enables or disables the complementary data strobe signals.
RDQS, ($\overline{RDQS}$)	Input/Output	**Read Data Strobe:** For the x8 components a RDQS, $\overline{RDQS}$ pair can be enabled via the EMR(1) for read timing. RDQS, $\overline{RDQS}$ is not supported on x4 and x16 components. RDQS, $\overline{RDQS}$ are edge-aligned with read data. If RDQS, $\overline{RDQS}$ is enabled, the DM function is disabled on x8 components.
ODT	Input	**On Die Termination:** ODT (registered HIGH) enables termination resistance internal to the DDR2 SDRAM. When enabled, ODT is applied to each DQ, DQS, $\overline{DQS}$ and DM signal for x4 and DQ, DQS, $\overline{DQS}$, RDQS, $\overline{RDQS}$ and DM for x8 configurations. For x16 configuration ODT is applied to each DQ, UDQS, $\overline{UDQS}$, LDQS, $\overline{LDQS}$, UDM and LDM signal. The ODT pin will be ignored if the EMR(1) is programmed to disable ODT.
NC		**No Connect:** No internal electrical connection is present.
V_{DDQ}	Supply	**DQ Power Supply:** 1.8V +/- 0.1V
V_{SSQ}	Supply	**DQ Ground**
V_{DDL}	Supply	**DLL Power Supply:** 1.8V +/- 0.1V
V_{SSDL}	Supply	**DLL Ground**
V_{DD}	Supply	**Power Supply:** 1.8V +/- 0.1V
V_{SS}	Supply	**Ground**
V_{REF}	Supply	**SSTL_1.8 reference voltage**

2.4. U601 (TPA3110D2 15W TSSOP-28)

2.4.1 Block Diagram

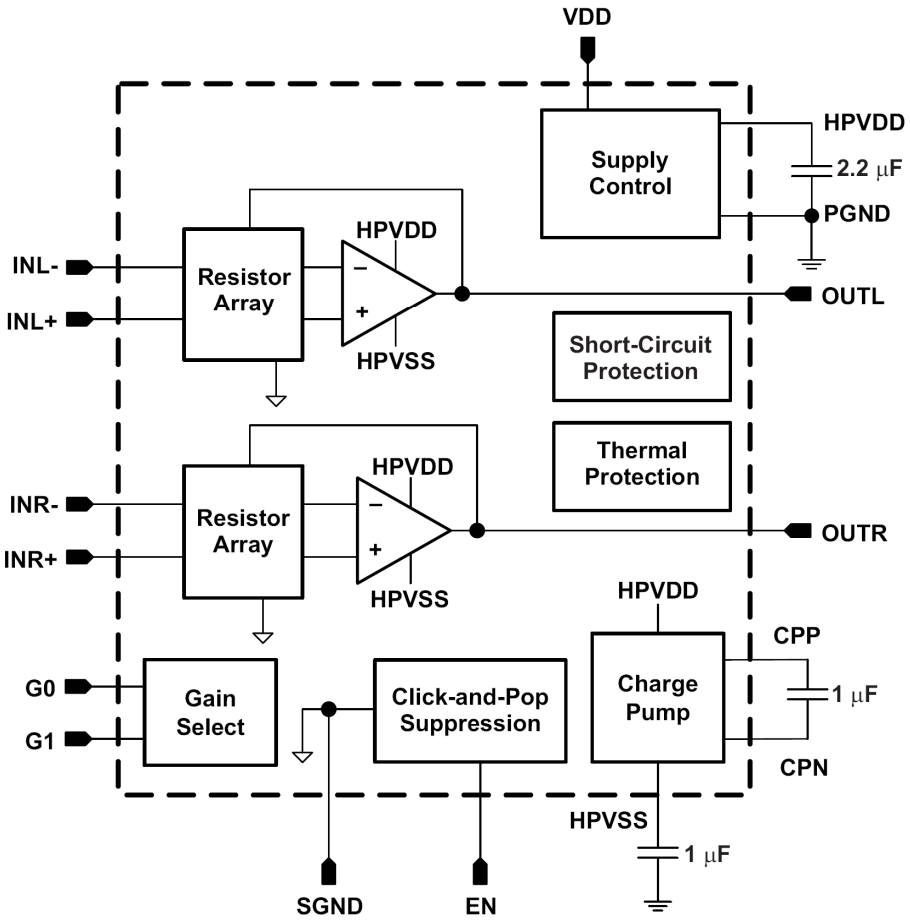


2.4.2 Pin Connections and short description

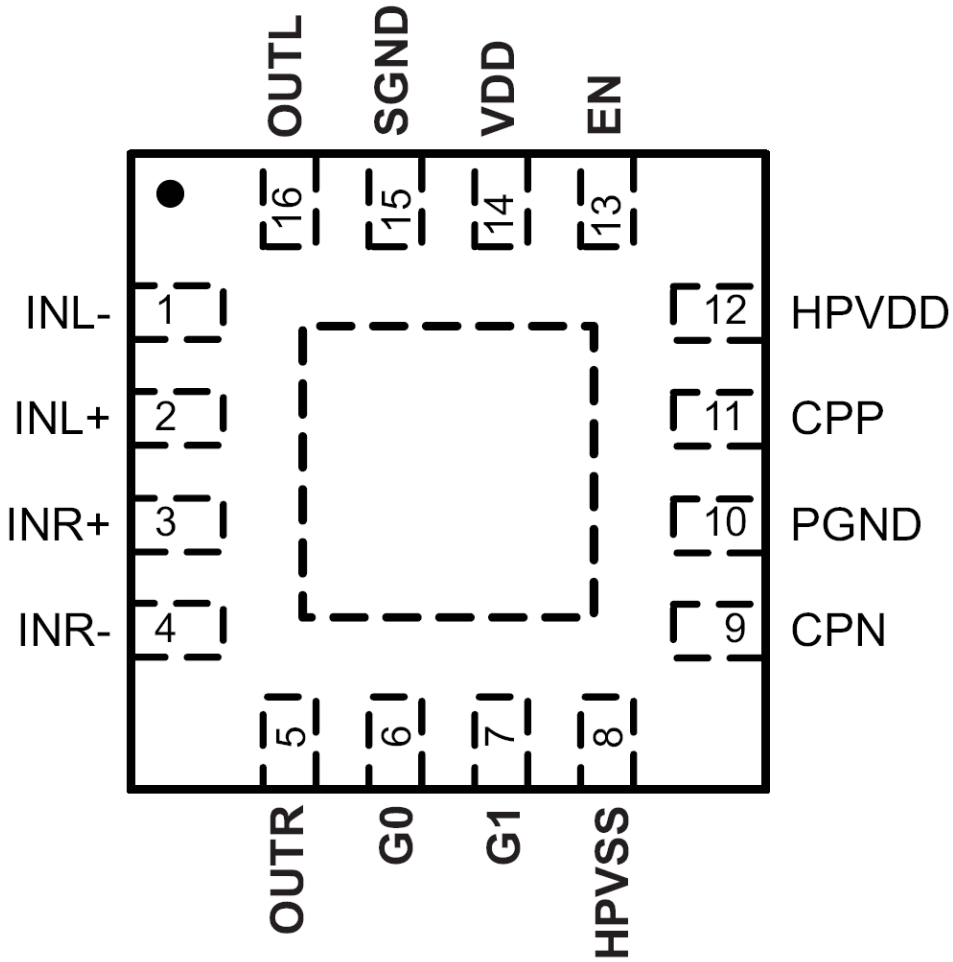


2.5. U602 (TPA6132A2RTER 25mW QFN-16)

2.5.1 Block Diagram



2.5.2 Pin Connections and short description

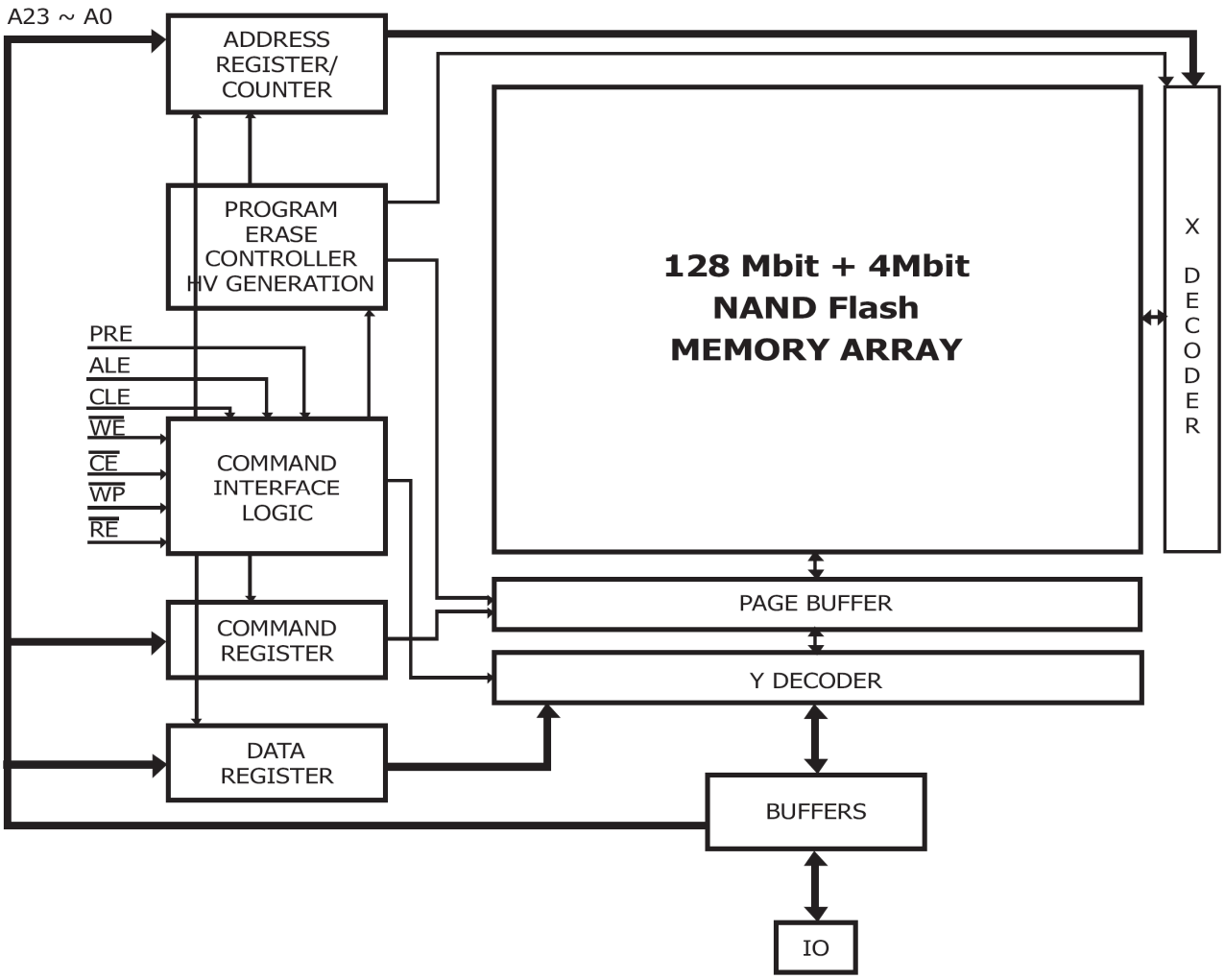


Pin configuration

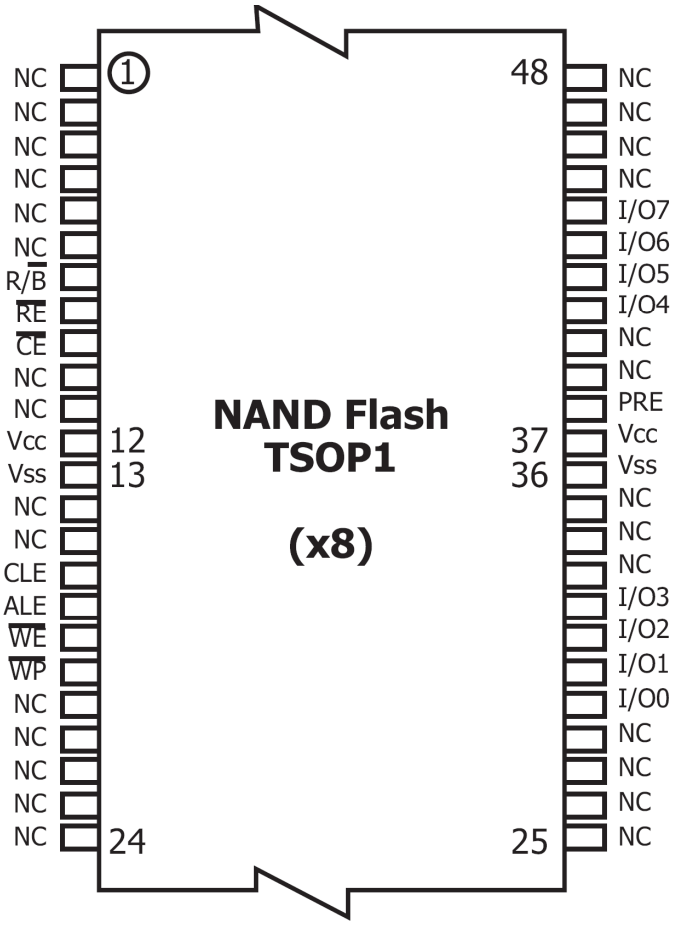
PIN		I/O/P	PIN DESCRIPTION
NAME	QFN		
INL-	1	I	Inverting left input for differential signals; left input for single-ended signals
INL+	2	I	Non-inverting left input for differential signals. Connect to ground for single-ended input applications
INR+	3	I	Non-inverting right input for differential signals. Connect to ground for single-ended input applications
INR-	4	I	Inverting right input for differential signals; right input for single-ended signals
OUTR	5	O	Right headphone amplifier output. Connect to right terminal of headphone jack
G0	6	I	Gain select
G1	7	I	Gain select
HPVSS	8	P	Charge pump output and negative power supply for output amplifiers; connect 1μF capacitor to GND
CPN	9	P	Charge pump negative flying cap. Connect to negative side of 1μF capacitor between CPP and CPN
PGND	10	P	Ground
CPP	11	P	Charge pump positive flying cap. Connect to positive side of 1μF capacitor between CPP and CPN
HPVDD	12	P	Positive power supply for headphone amplifiers. Connect to a 2.2μF capacitor. Do not connect to VDD
EN	13	I	Amplifier enable. Connect to logic low to shutdown; connect to logic high to activate
VDD	14	P	Positive power supply for TPA6132A2
SGND	15	I	Amplifier reference voltage. Connect to ground terminal of headphone jack
OUTL	16	O	Left headphone amplifier output. Connect to left terminal of headphone jack
Thermal Pad	–	P	Solder the exposed metal pad on the TPA6132A2RTE QFN package to the landing pad on the PCB. Connect the landing pad to ground or leave it electrically unconnected (floating).

2.6. U4051 (HY27US08281A-TPIB 128MB TSOP48)

2.6.1 Block Diagram



2.6.2 Pin Connections and short description

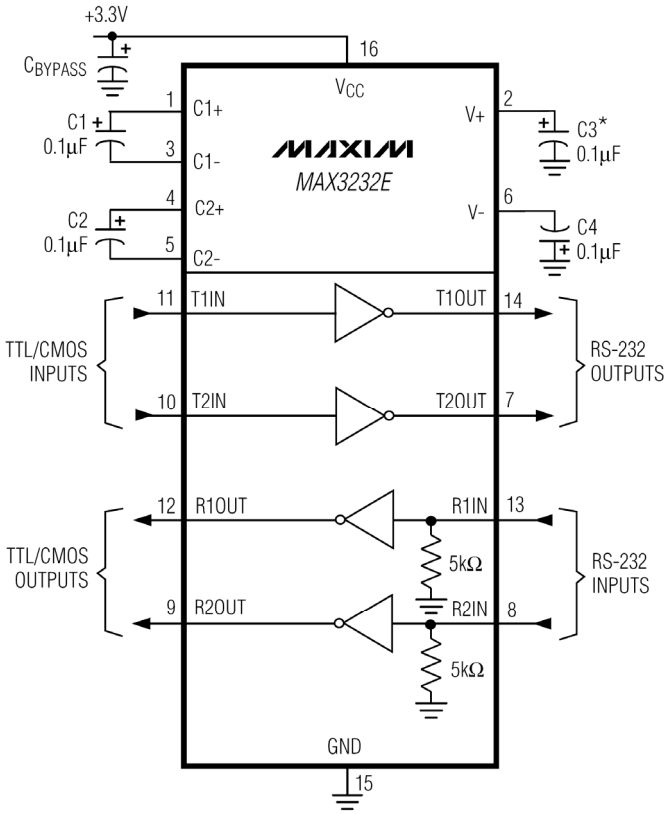


Pin configuration

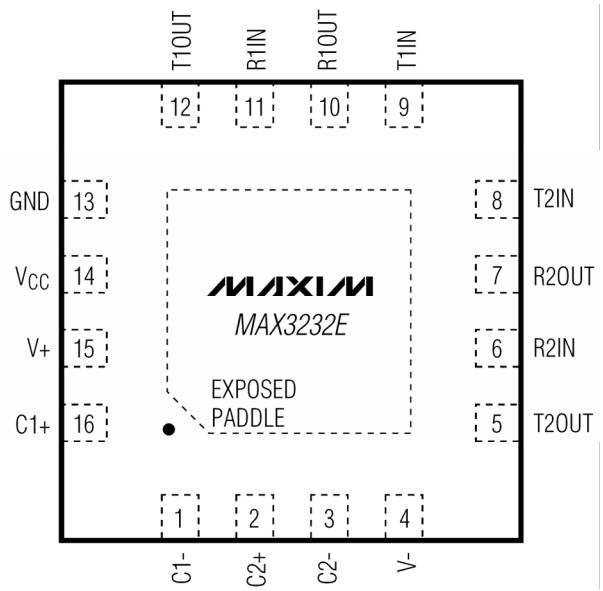
Pin Name	Description
IO0-IO7 IO8-IO15(1)	**DATA INPUTS/OUTPUTS** The IO pins allow to input command, address and data and to output data during read / program operations. The inputs are latched on the rising edge of Write Enable (WE#). The I/O buffer float to High-Z when the device is deselected or the outputs are disabled.
CLE	**COMMAND LATCH ENABLE** This input activates the latching of the IO inputs inside the Address Register on the Rising edge of Write Enable (WE#).
ALE	**ADDRESS LATCH ENABLE** This input activates the latching of the IO inputs inside the Command Register on the Rising edge of Write Enable (WE#).
CE#	**CHIP ENABLE** This input controls the selection of the device. When the device is busy CE# low does not deselect the memory.
WE#	**WRITE ENABLE** This input acts as clock to latch Command, Address and Data. The IO inputs are latched on the rise edge of WE#.
RE#	**READ ENABLE** The RE# input is the serial data-out control, and when active drives the data onto the I/O bus. Data is valid tREA after the falling edge of RE# which also increments the internal column address counter by one.
WP#	**WRITE PROTECT** The WP# pin, when Low, provides an Hardware protection against undesired modify (program / erase) operations.
RB#	**READY BUSY** The Ready/Busy output is an Open Drain pin that signals the state of the memory.
VCC	**SUPPLY VOLTAGE** The VCC supplies the power for all the operations (Read, Write, Erase).
VSS	GROUND
NC	NO CONNECTION
PRE	To Enable and disable the Lock mechanism and Power On Auto Read. When PRE is a logic high, Block Lock mode and Power-On Auto-Read mode are enabled, and when PRE is a logic low, Block Lock mode and Power-On Auto-Read mode are disabled. Power-On Auto-Read mode is available only on 3.3V device. **Not using LOCK MECHANISM & POWER-ON AUTO-READ, connect it Vss or leave it N.C.**

2.7. U4053 (MAX3232EEUE TSSOP-16)

2.7.1 Block Diagram



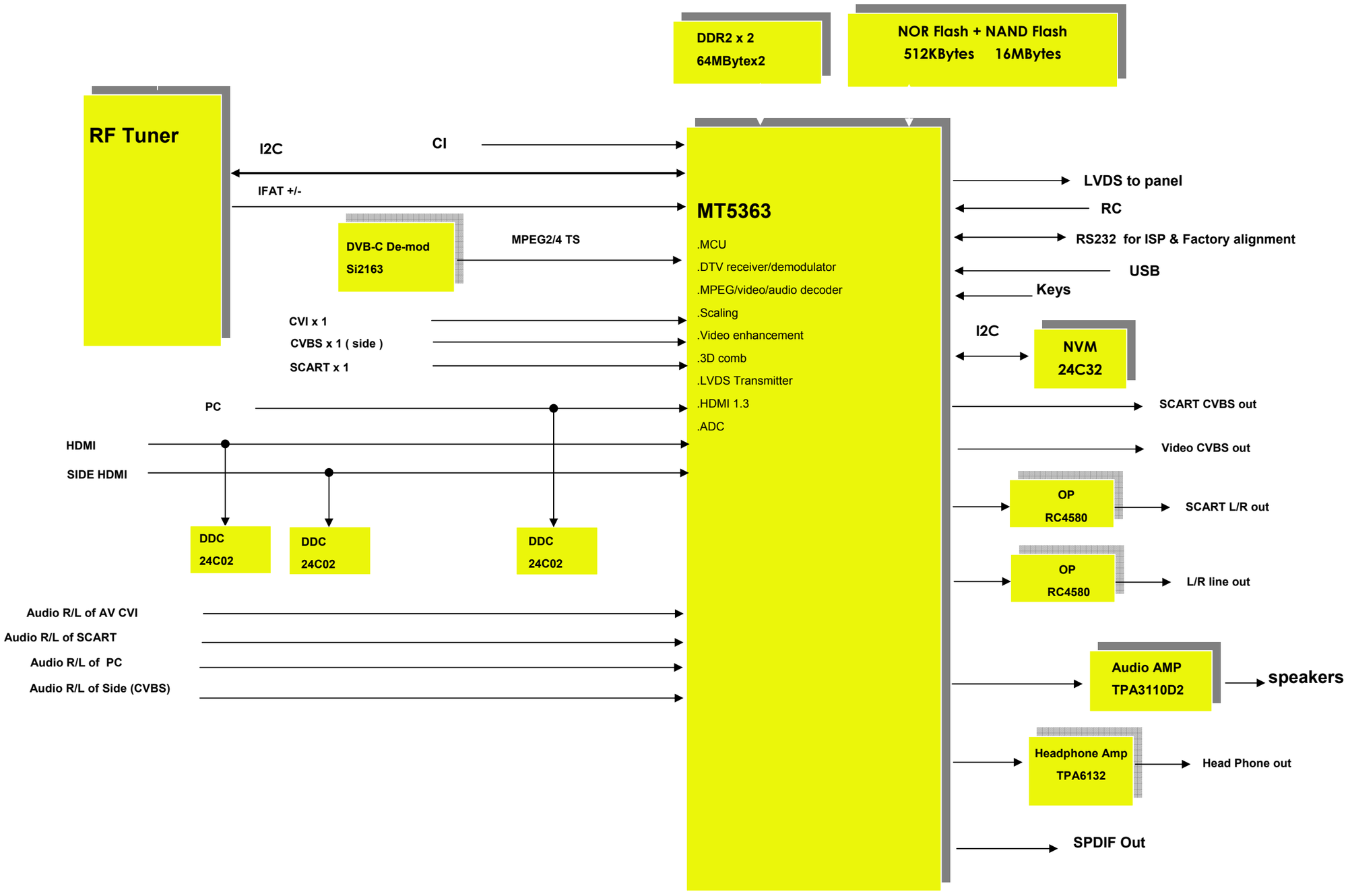
2.7.2 Pin Connections and short description



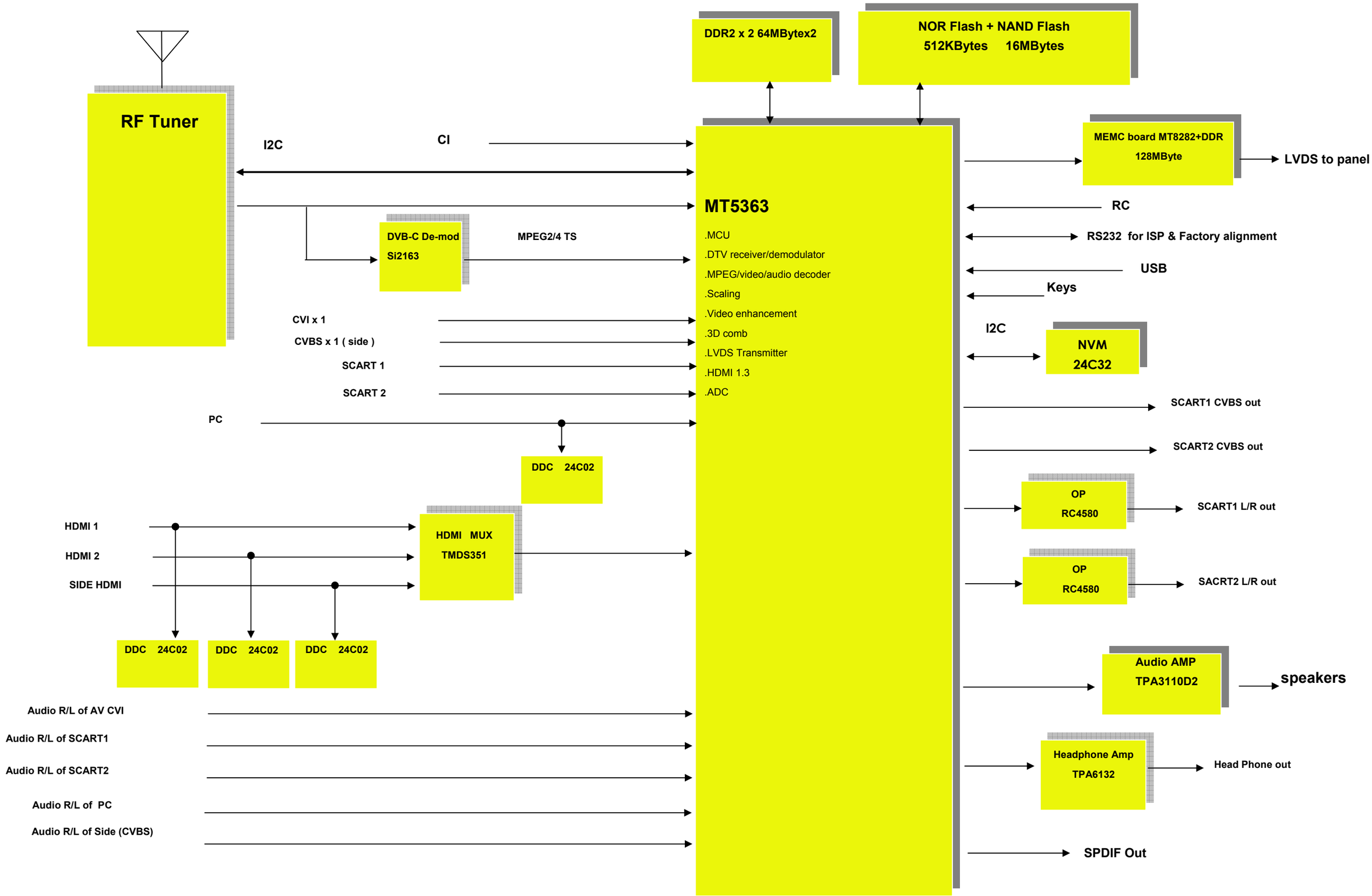
CHAPTER 6. BLOCK DIAGRAM/WIRING DIAGRAM

[1] BLOCK DIAGRAM

Function block of main Board 19”/22”/26”

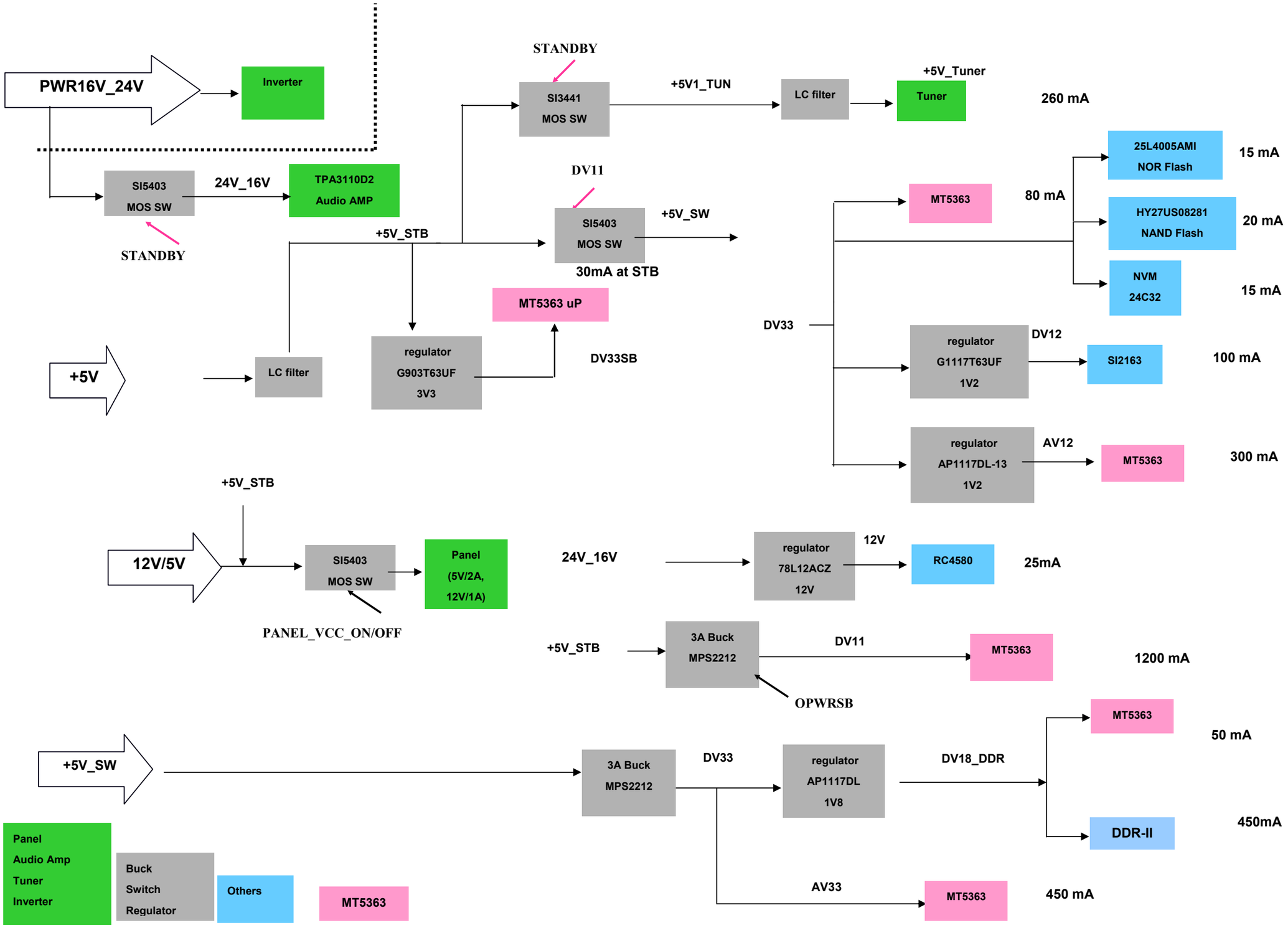


Function block of main Board 32”/37”/42”

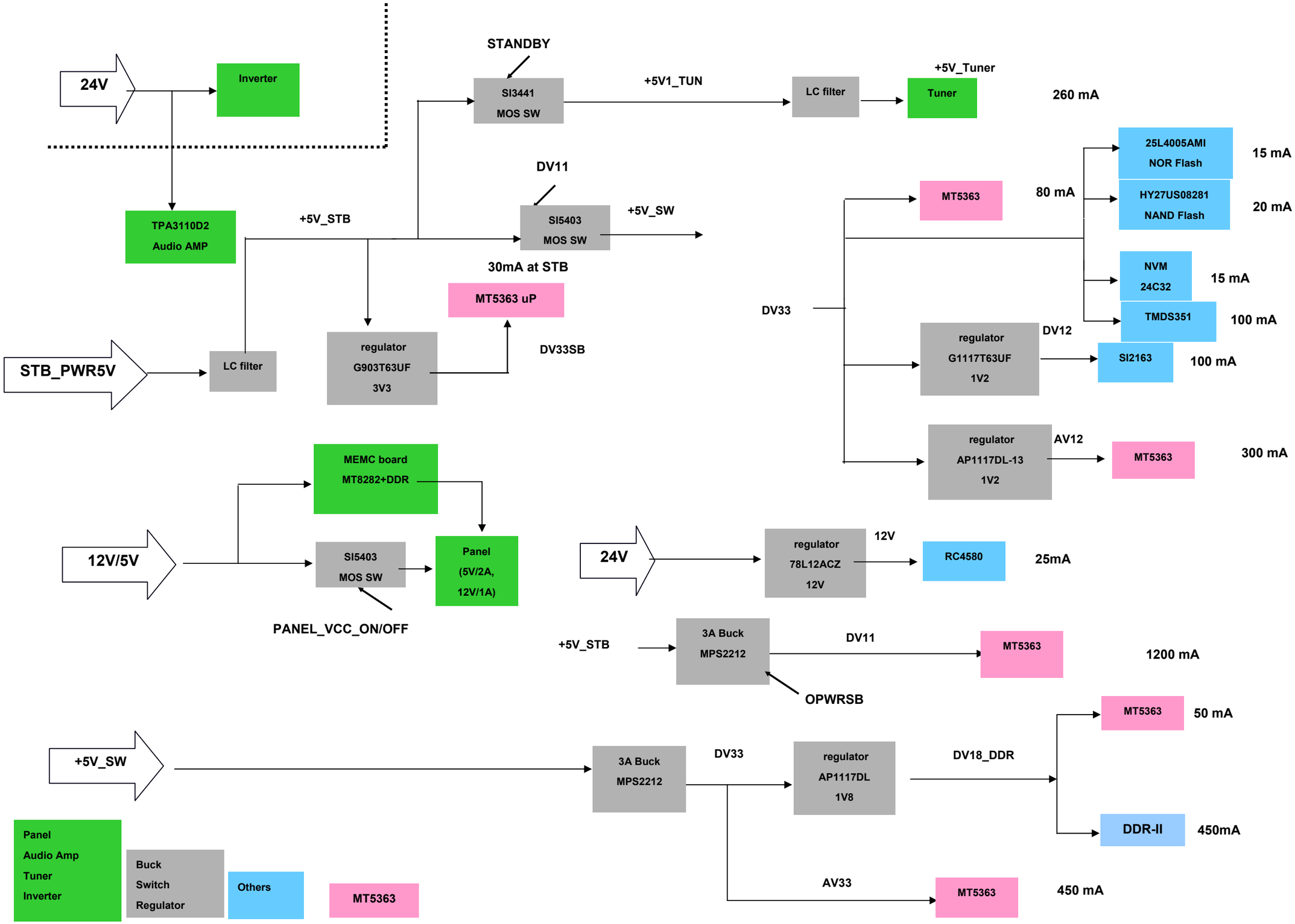


[2] POWER MANAGEMENT BLOCK DIAGRAM

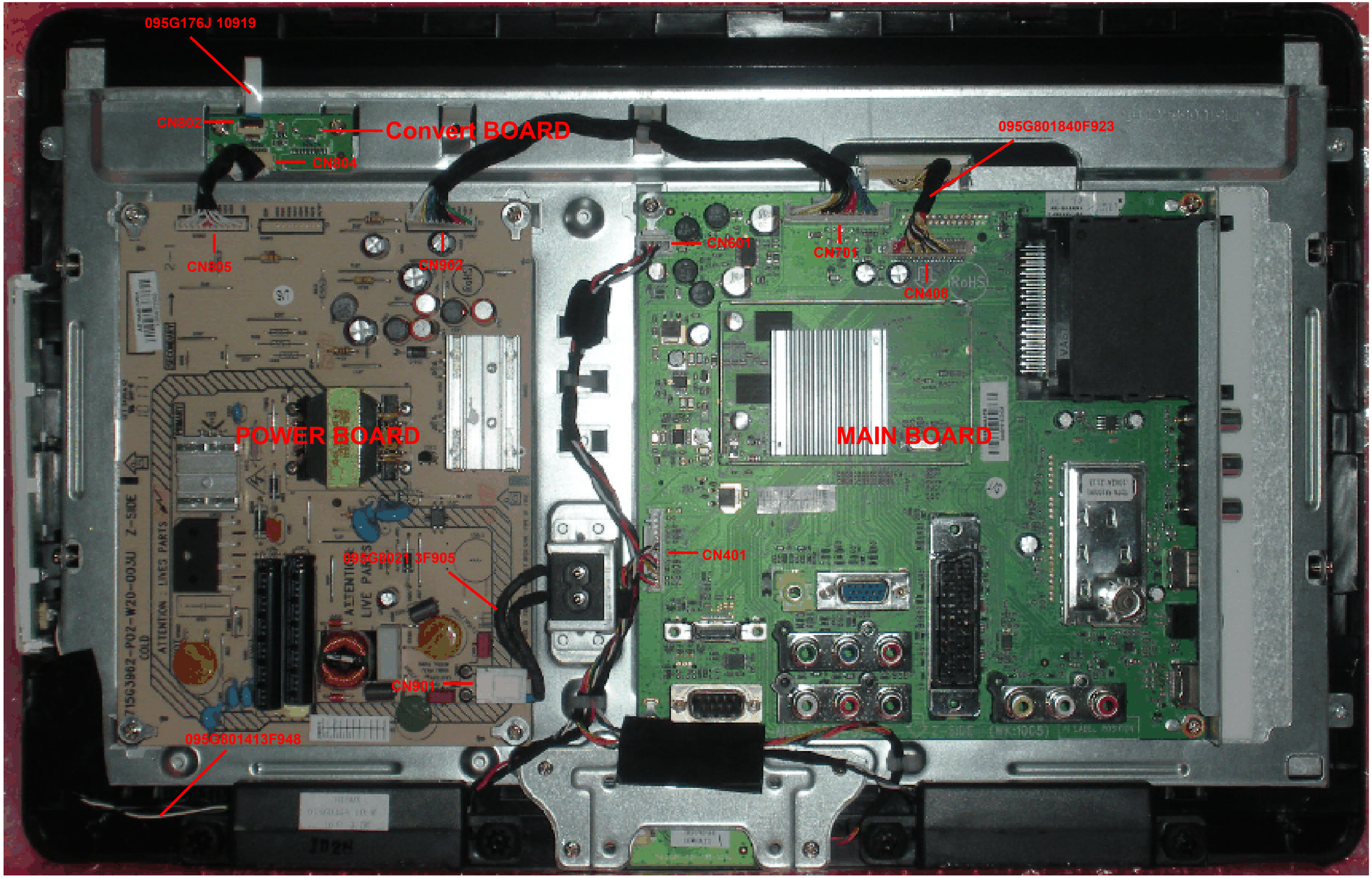
Sharp EU 19”/22”/26” MT5363 Power management



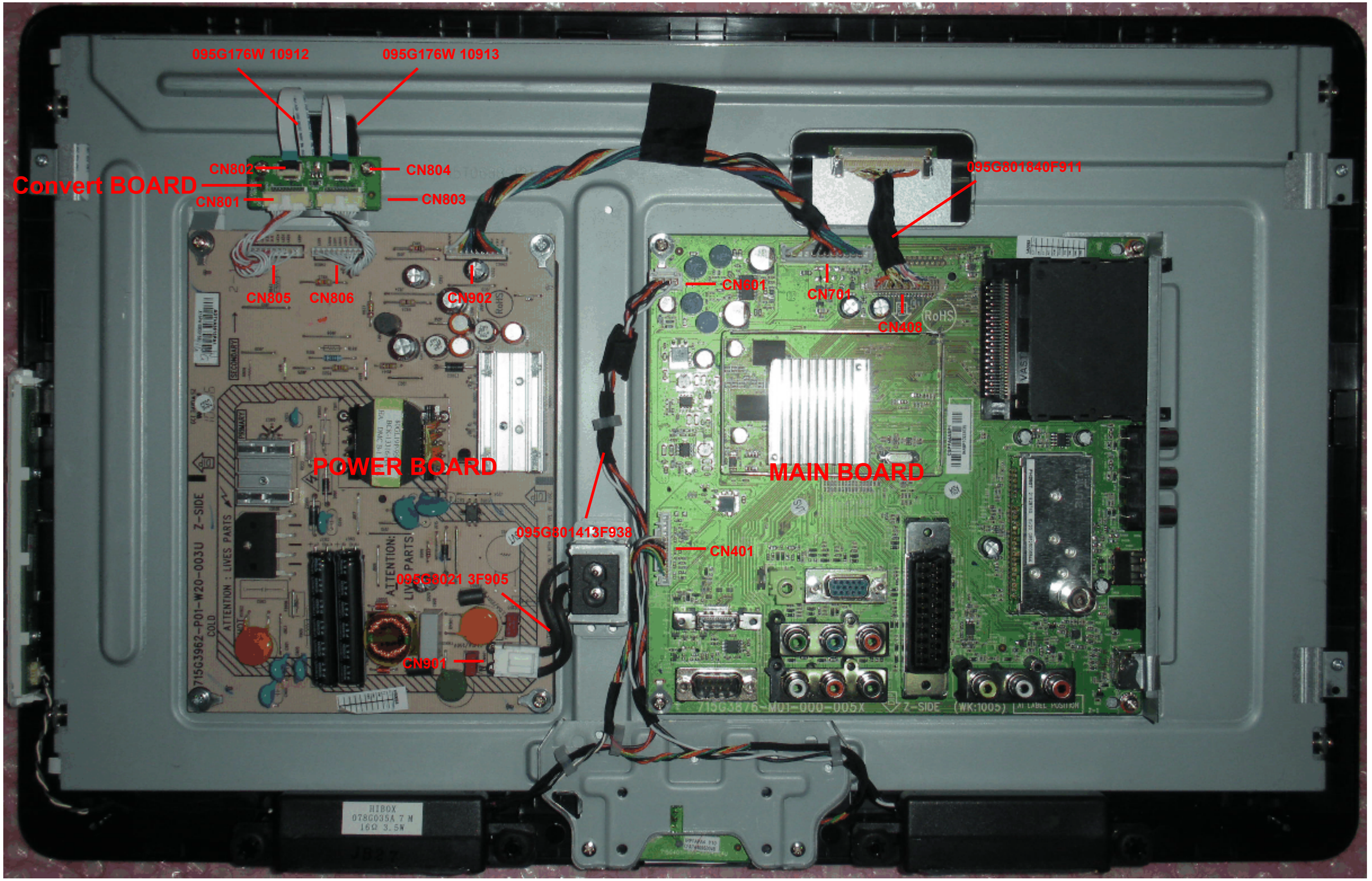
Sharp EU 32”/37”/42” MT5363 Power management



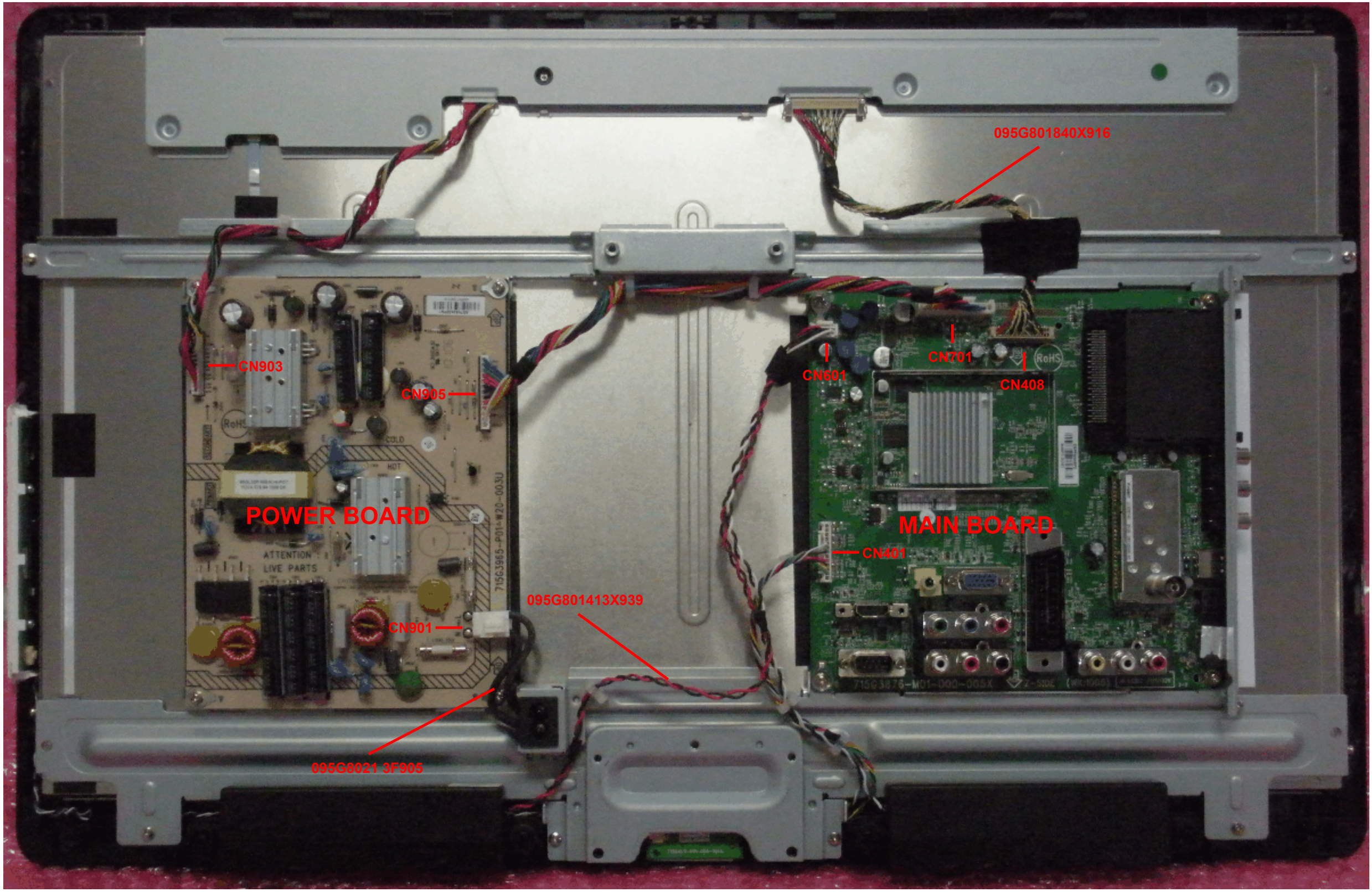
[3] 19” WIRING DIAGRAM(LC_19LE320)



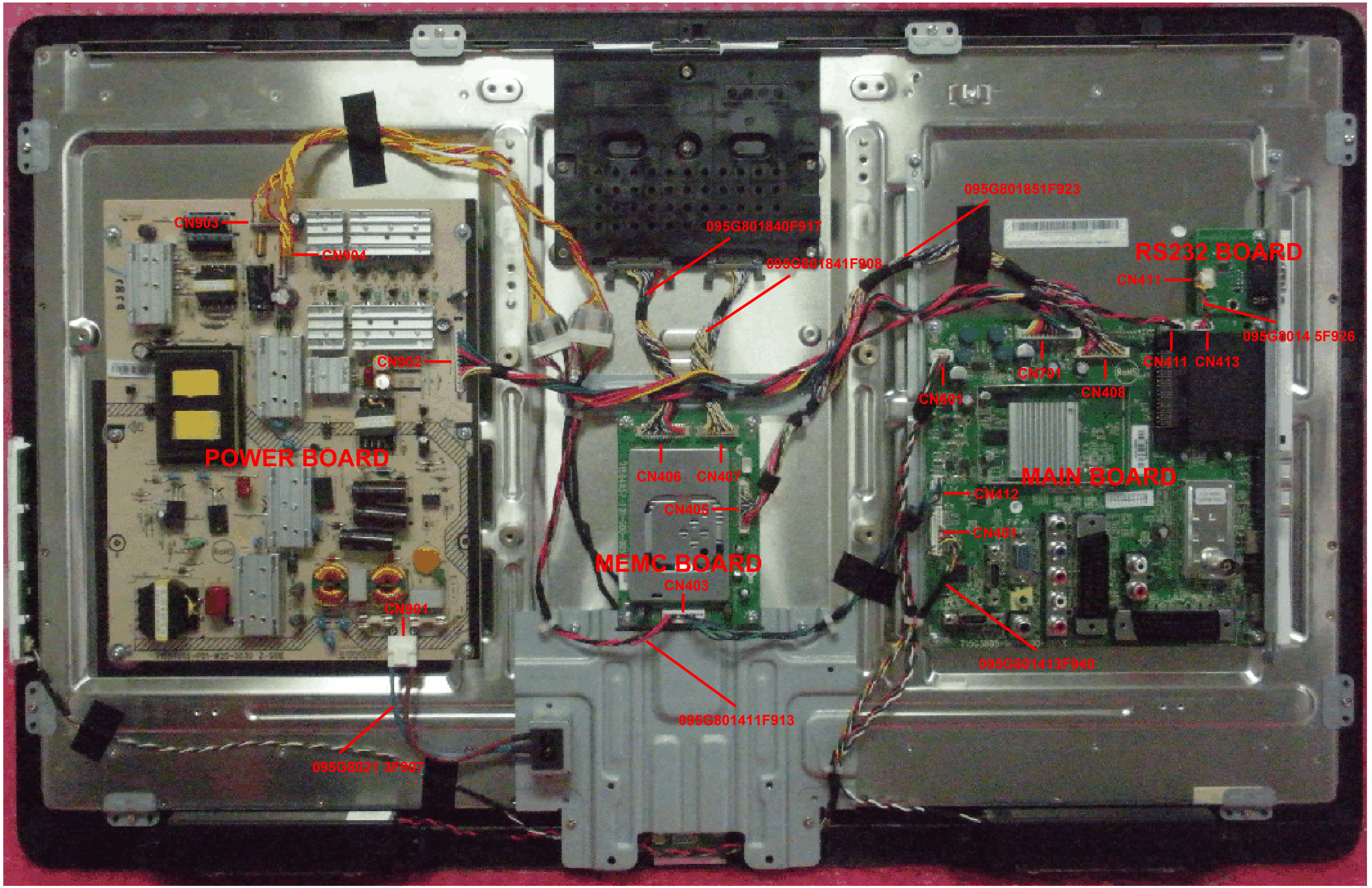
22” WIRING DIAGRAM(LC_22LE320)



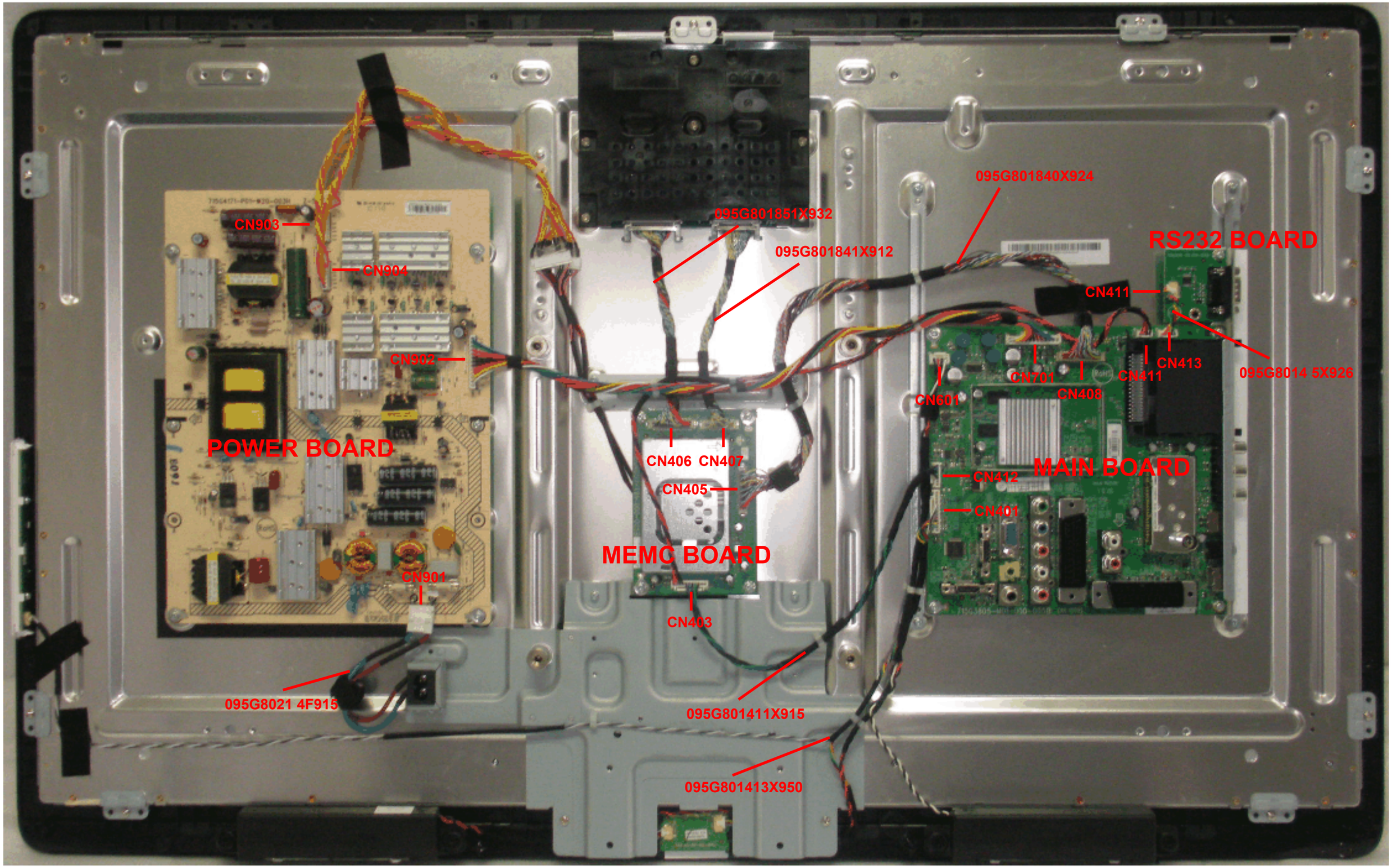
26” WIRING DIAGRAM(LC_26LE320)



32” WIRING DIAGRAM(LC_32LE320)



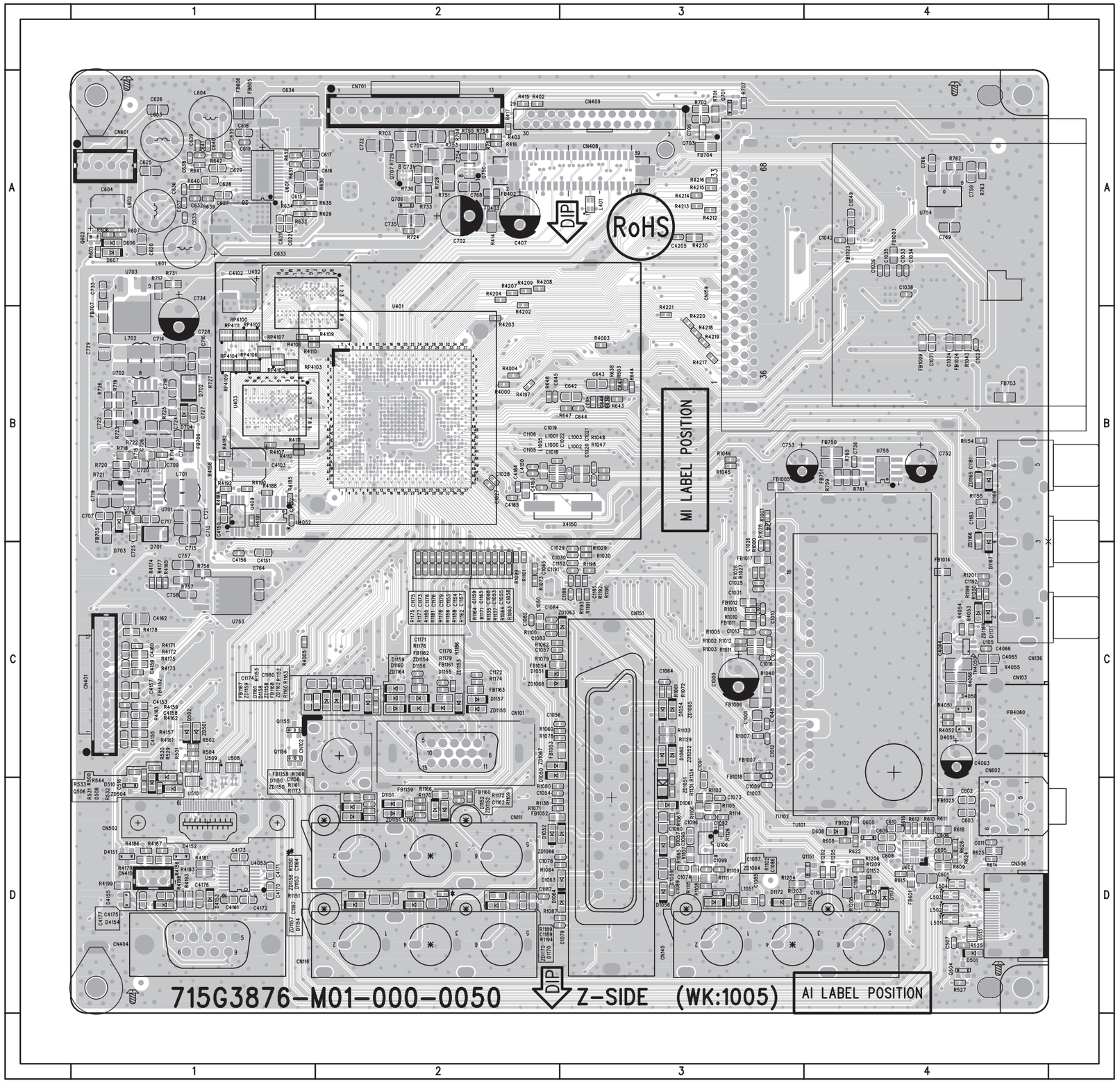
37” WIRING DIAGRAM(LC_37LE320)



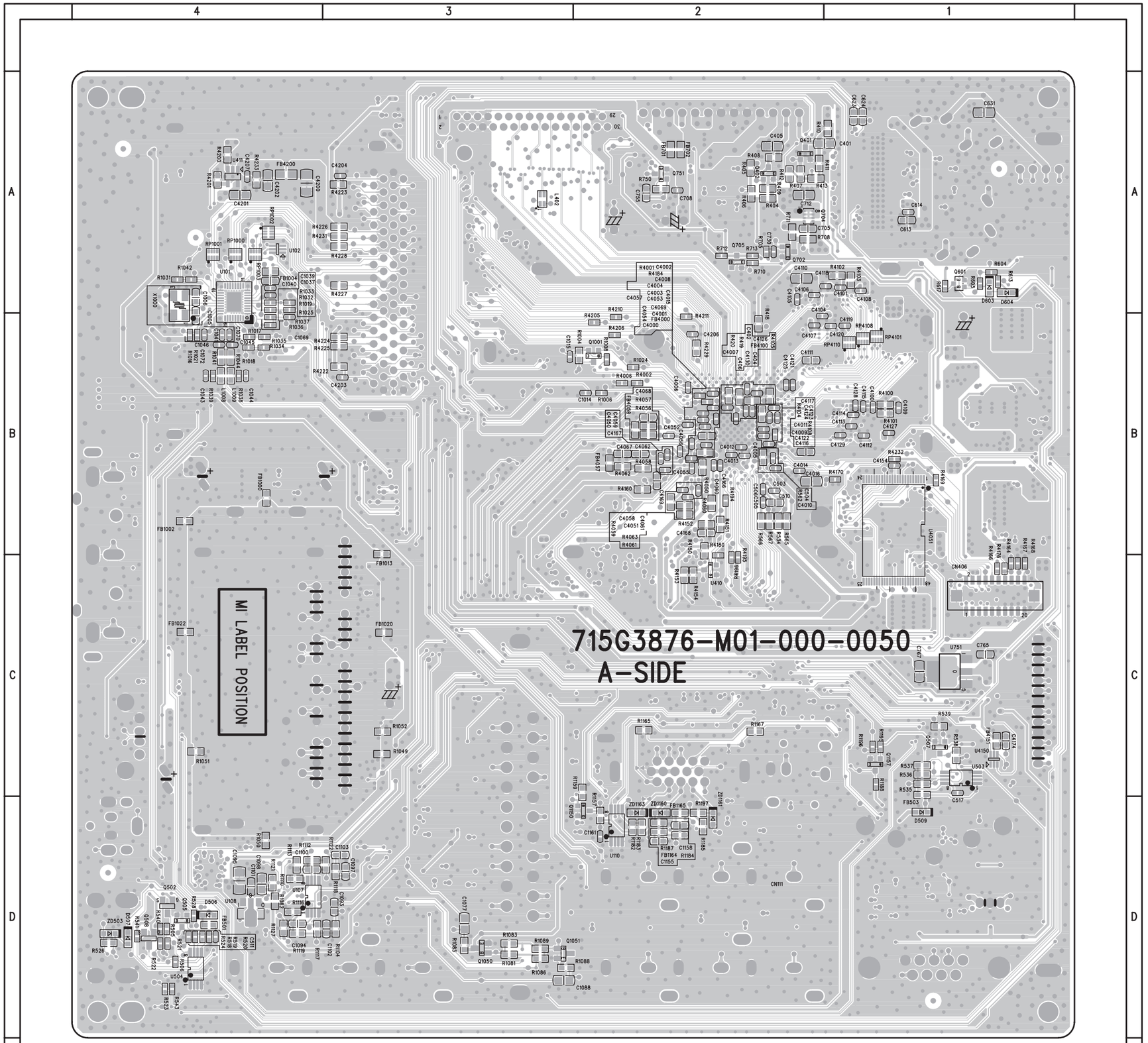
CHAPTER 7. PRINTED WIRING BOARD

[1] MAIN UNIT PRINTED WIRING BOARD(for 19", 22" and 26")

MAIN UNIT(Side-A)

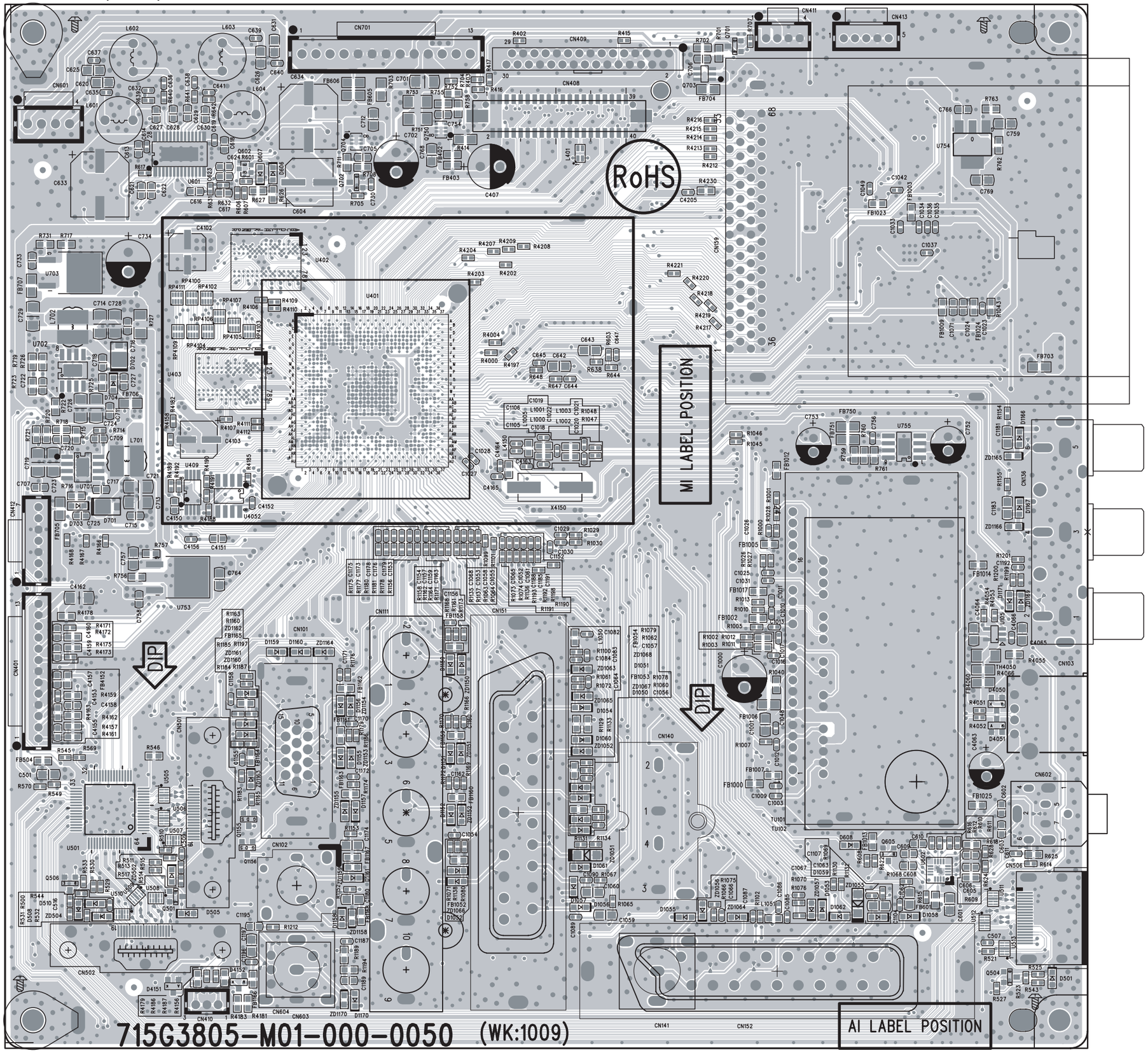


MAIN UNIT(Side-B)

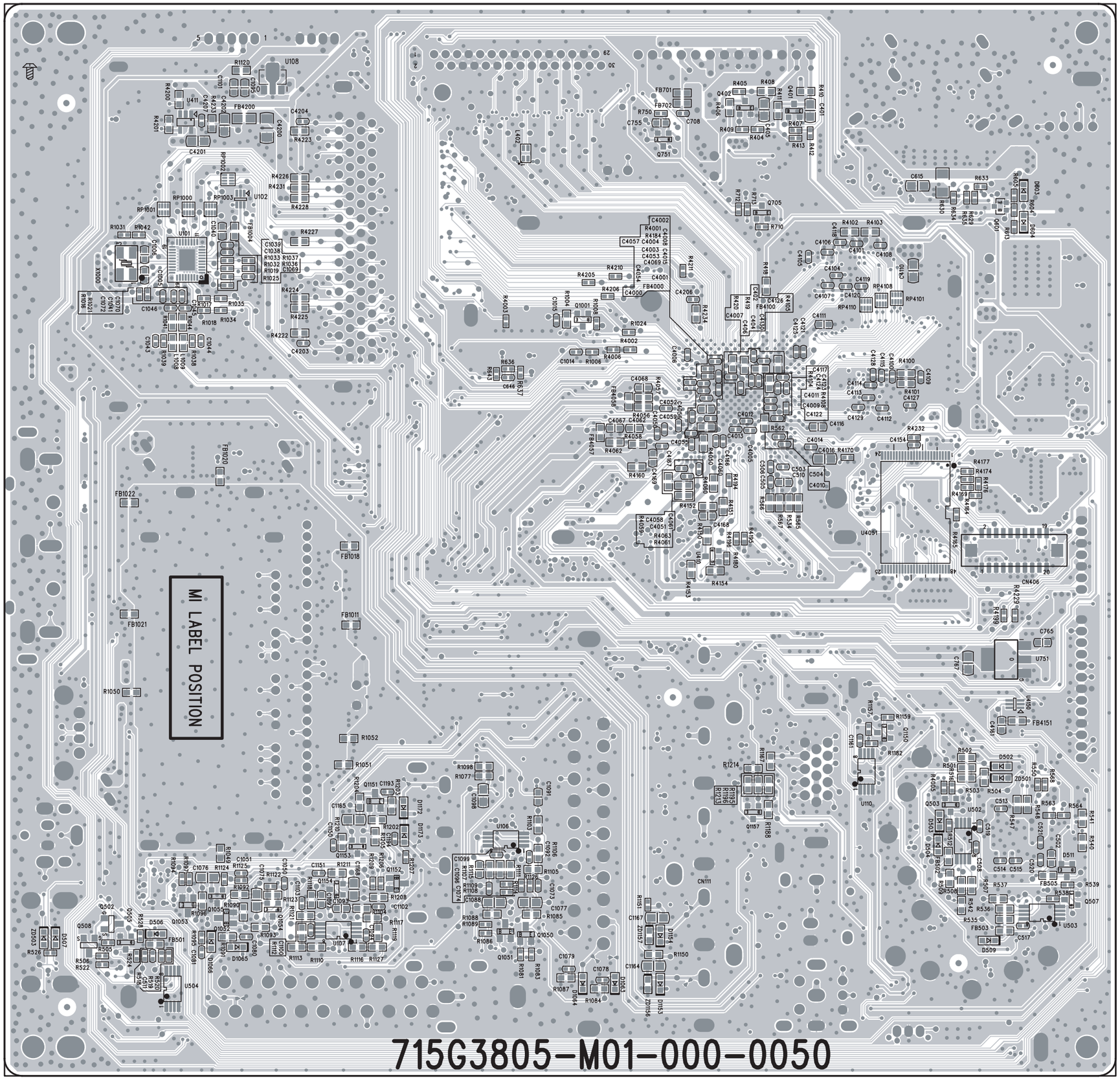


MAIN UNIT PRINTED WIRING BOARD(for 32”, 37” and 42”)

MAIN UNIT(Side-A)

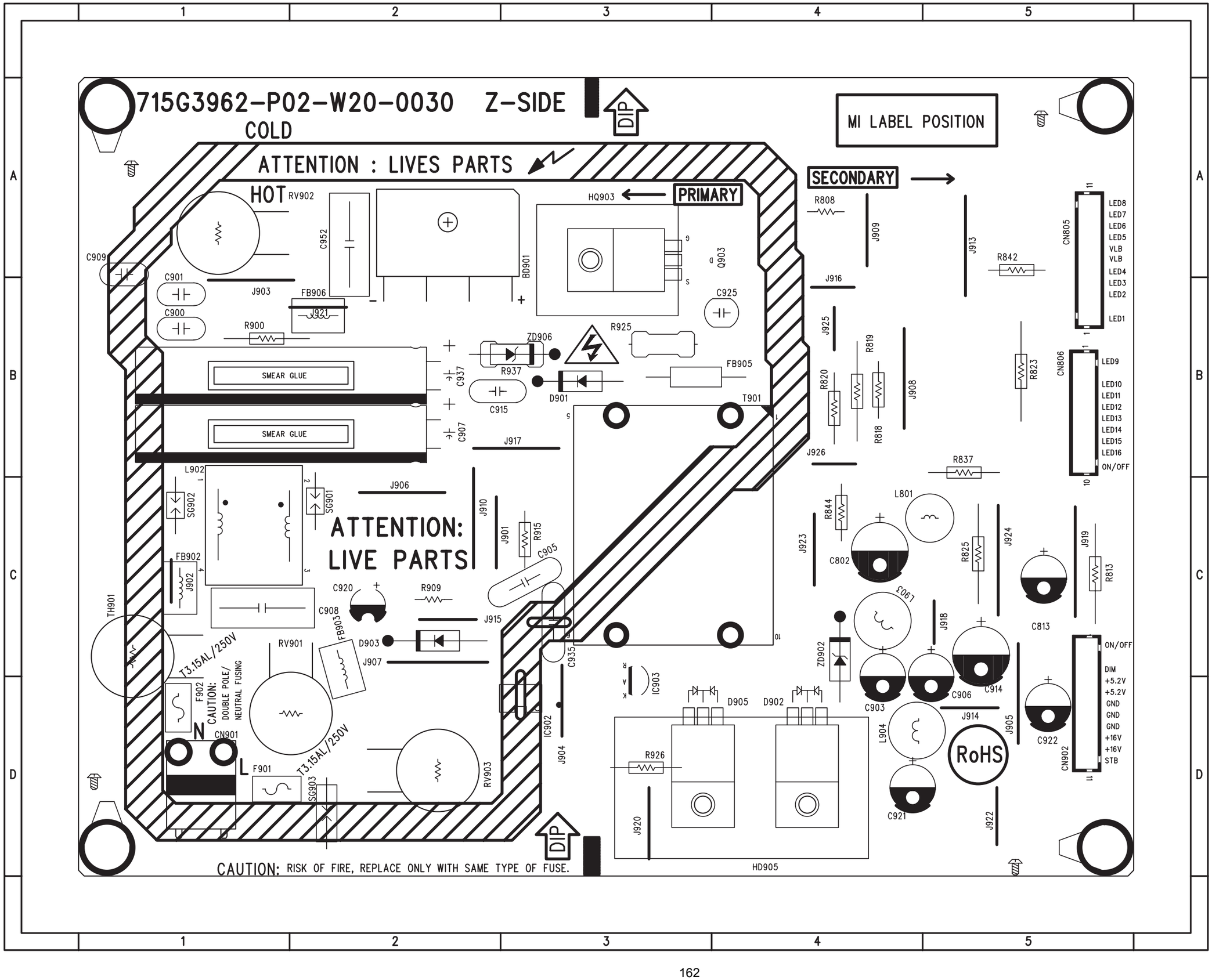


MAIN UNIT(Side-B)

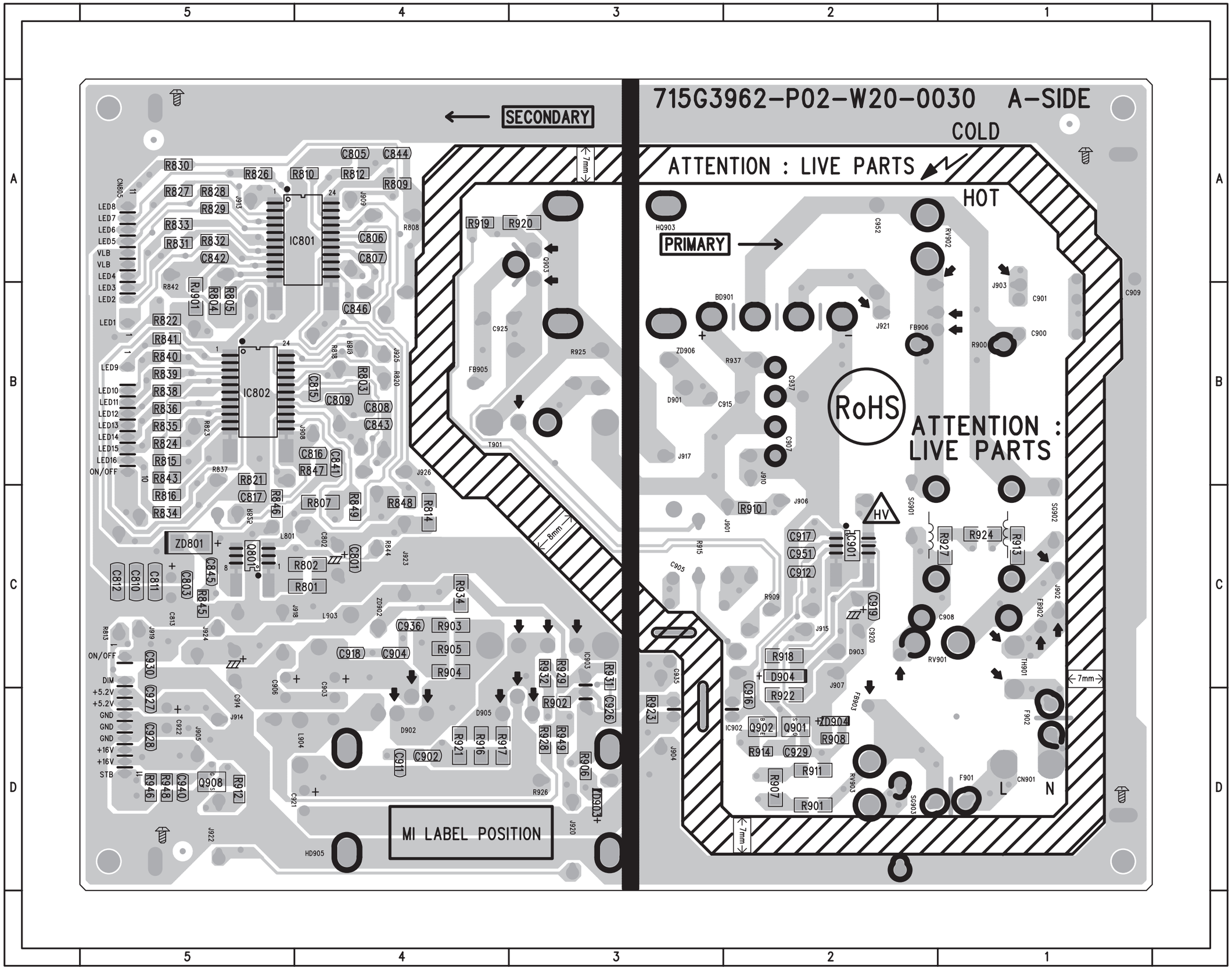


[2] POWER UNIT PRINTED WIRING BOARD(for 19” and 22” panel)

POWER UNIT(Side-A)

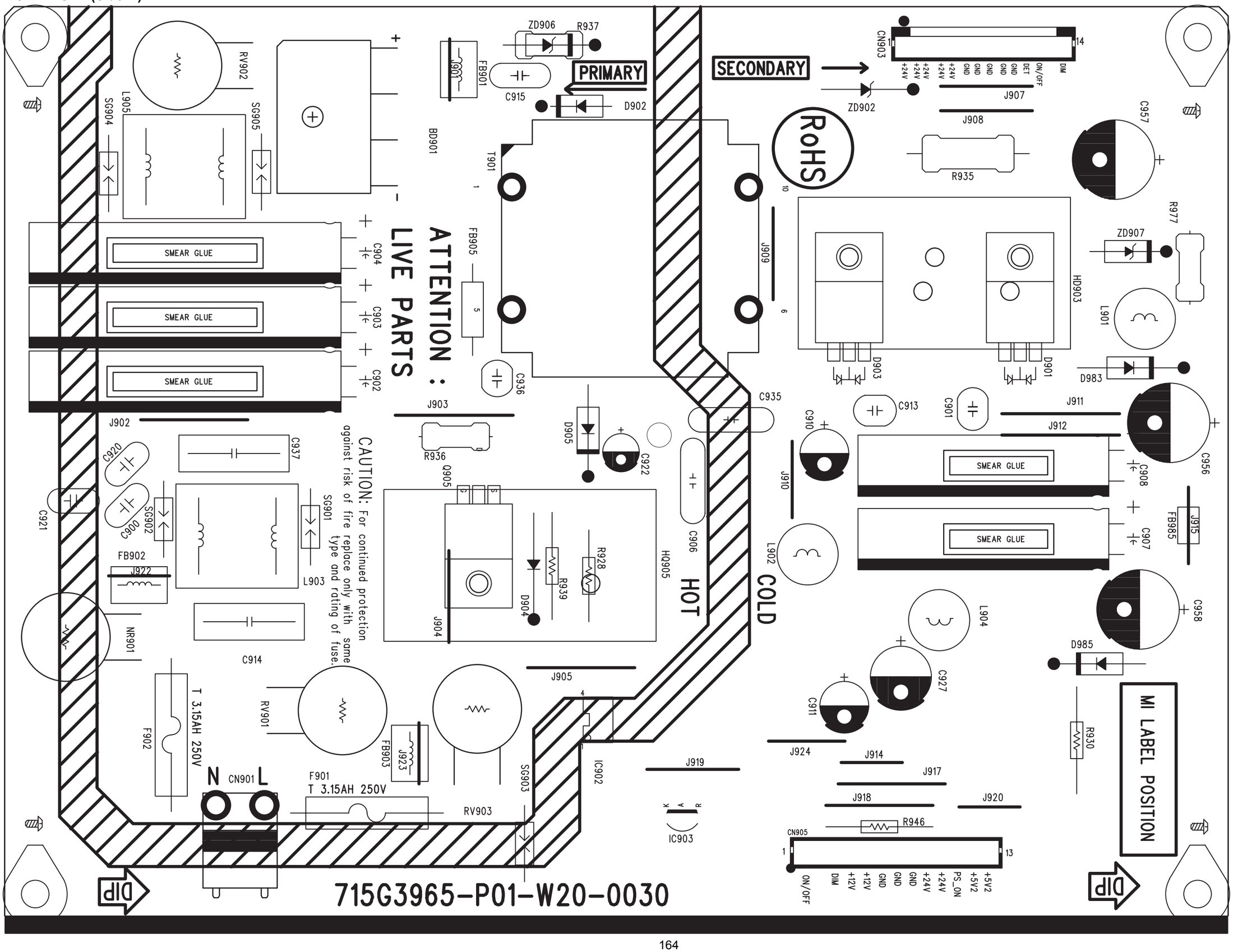


POWER UNIT(Side-B)

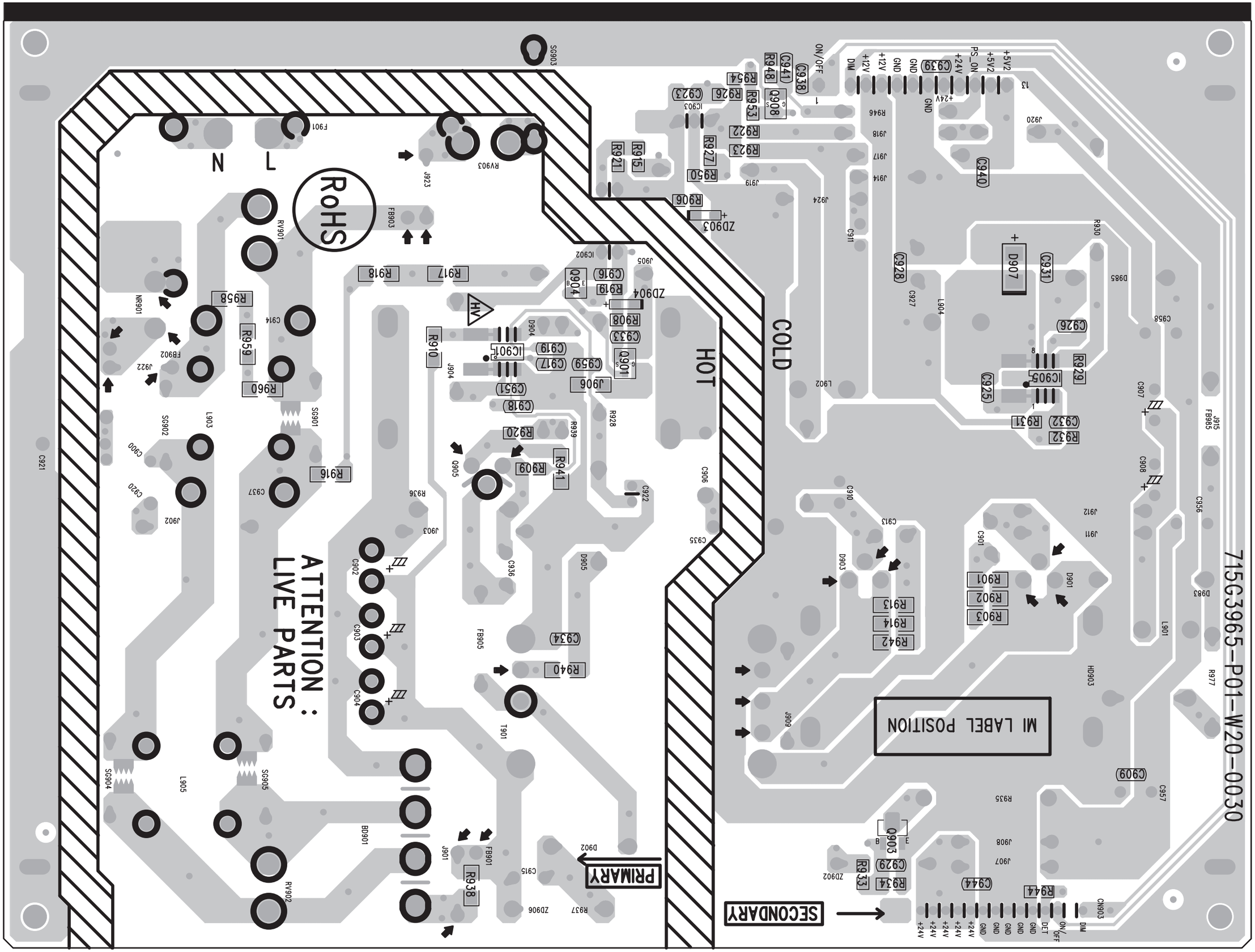


POWER UNIT PRINTED WIRING BOARD(for 26")

POWER UNIT(Side-A)

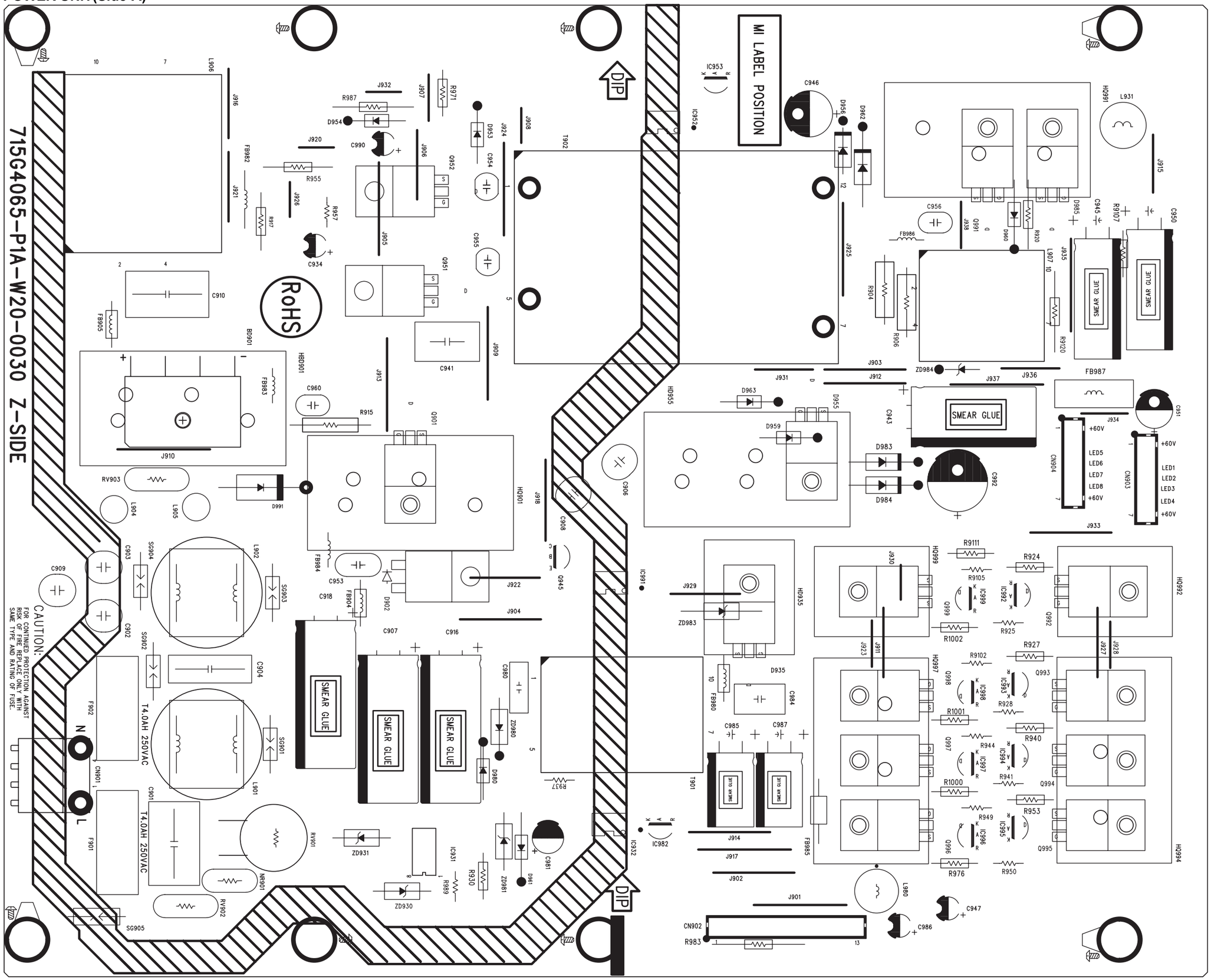


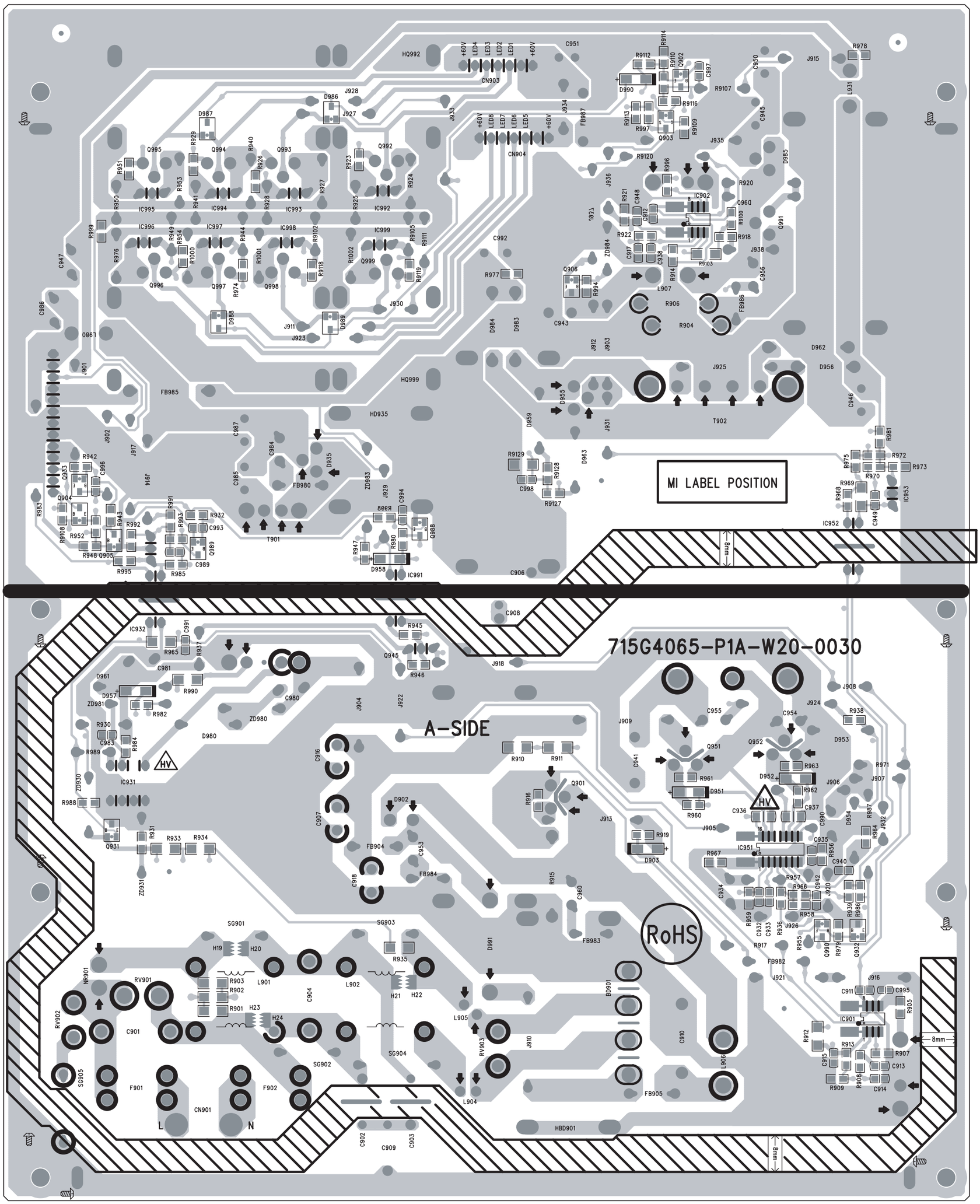
POWER UNIT(Side-B)



POWER UNIT PRINTED WIRING BOARD(for 32” and 37”)

POWER UNIT(Side-A)

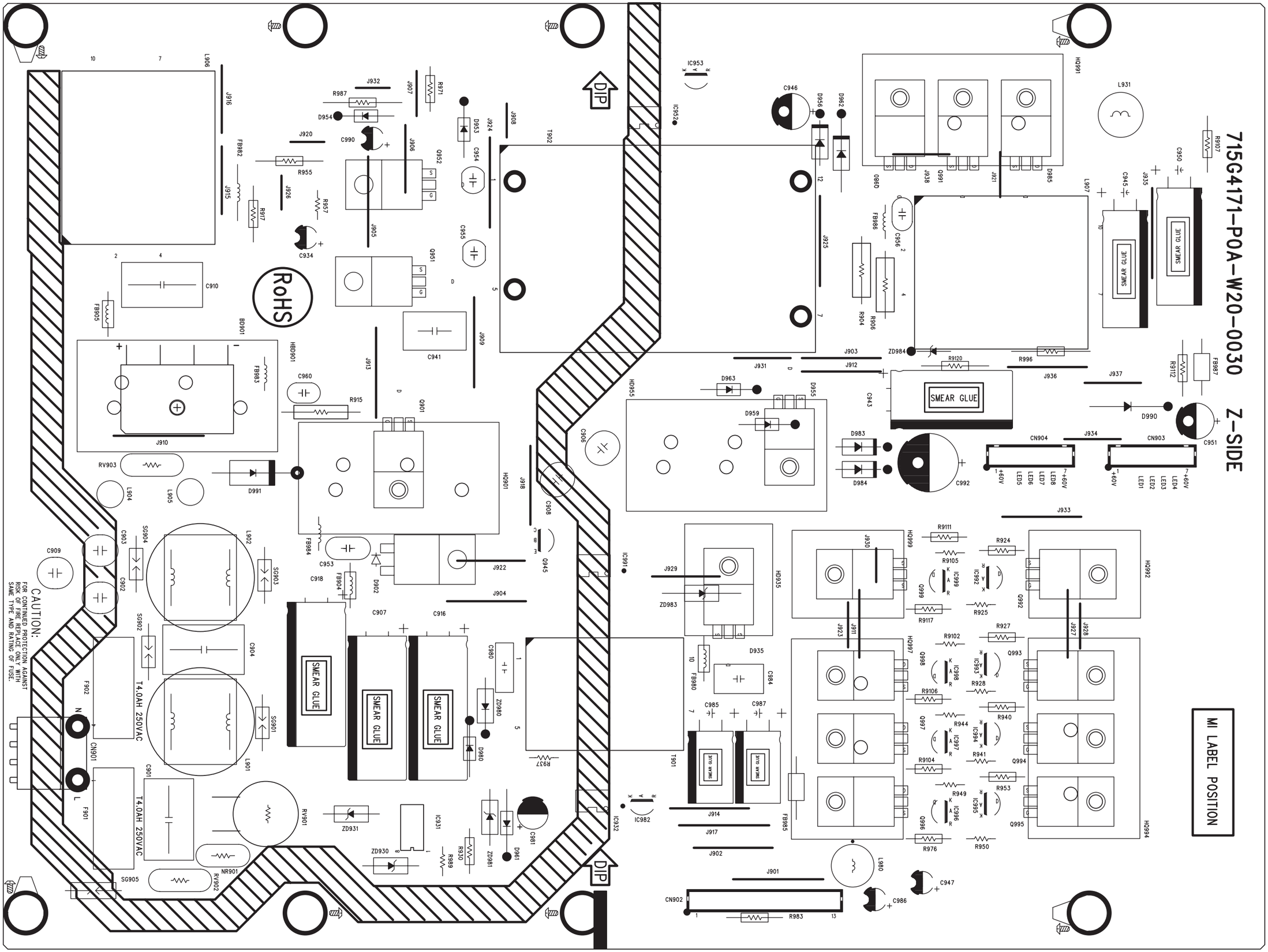




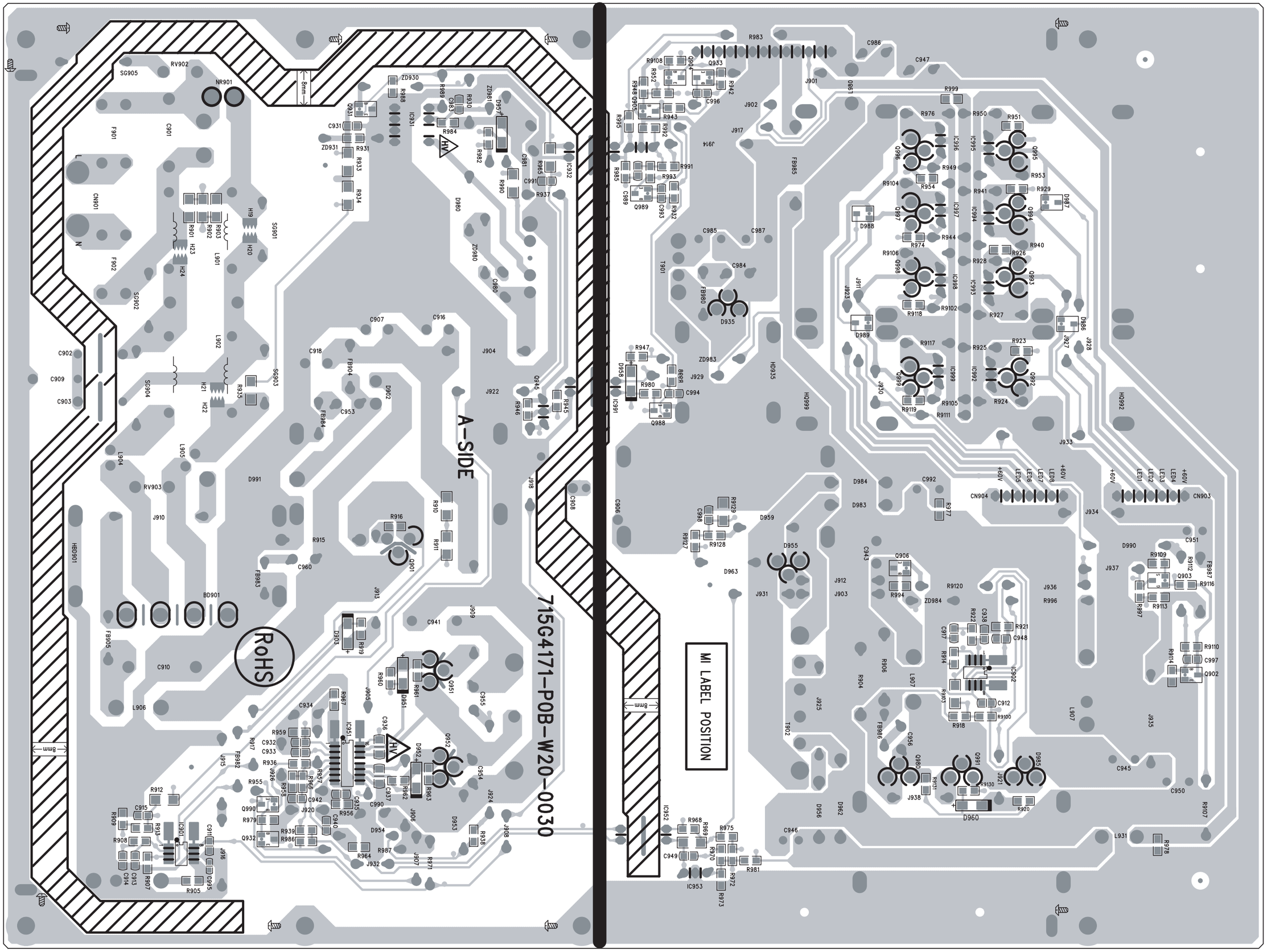
POWER UNIT(Side-B)

POWER UNIT PRINTED WIRING BOARD(for 42")

POWER UNIT(Side-A)

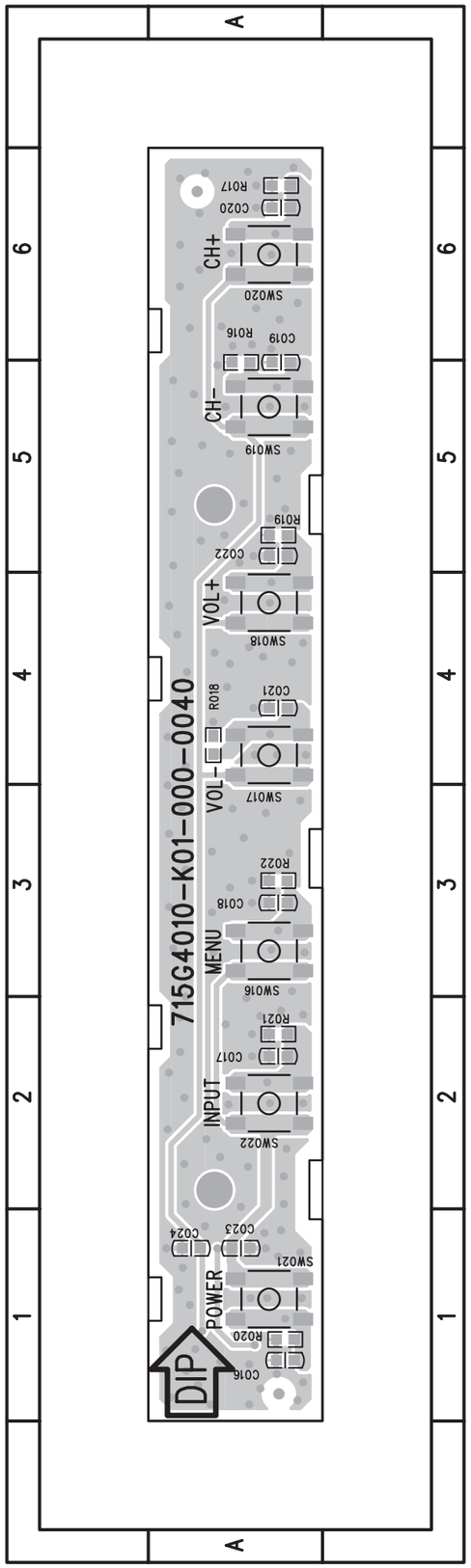


POWER UNIT(Side-B)

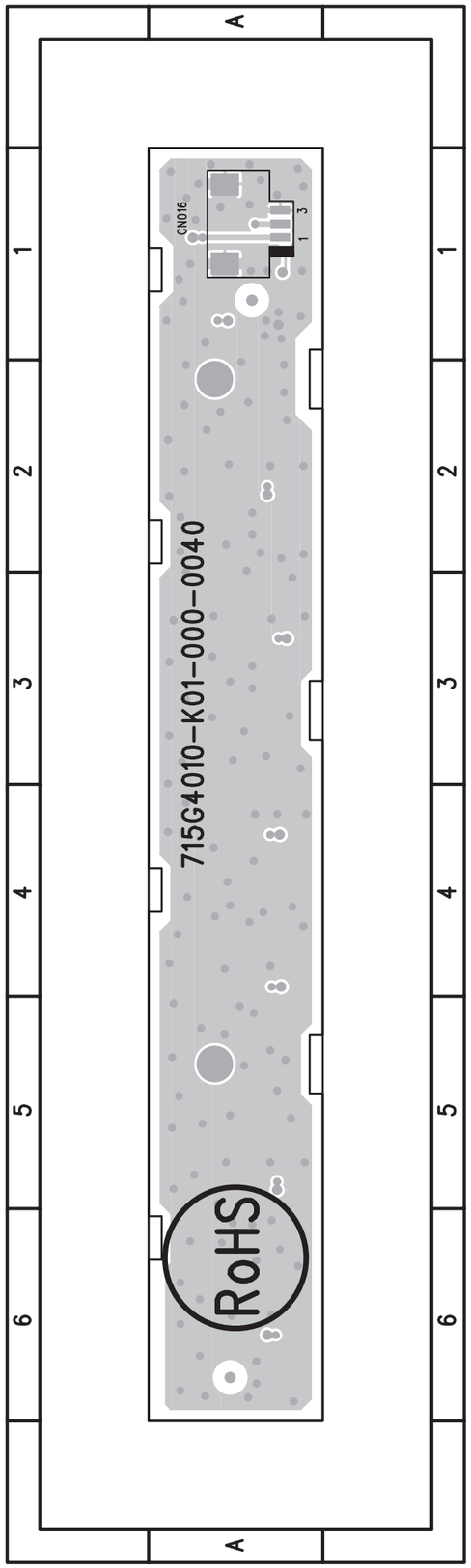


[3] KEY UNIT PRINTED WIRING BOARD

KEY UNIT (Side-A)

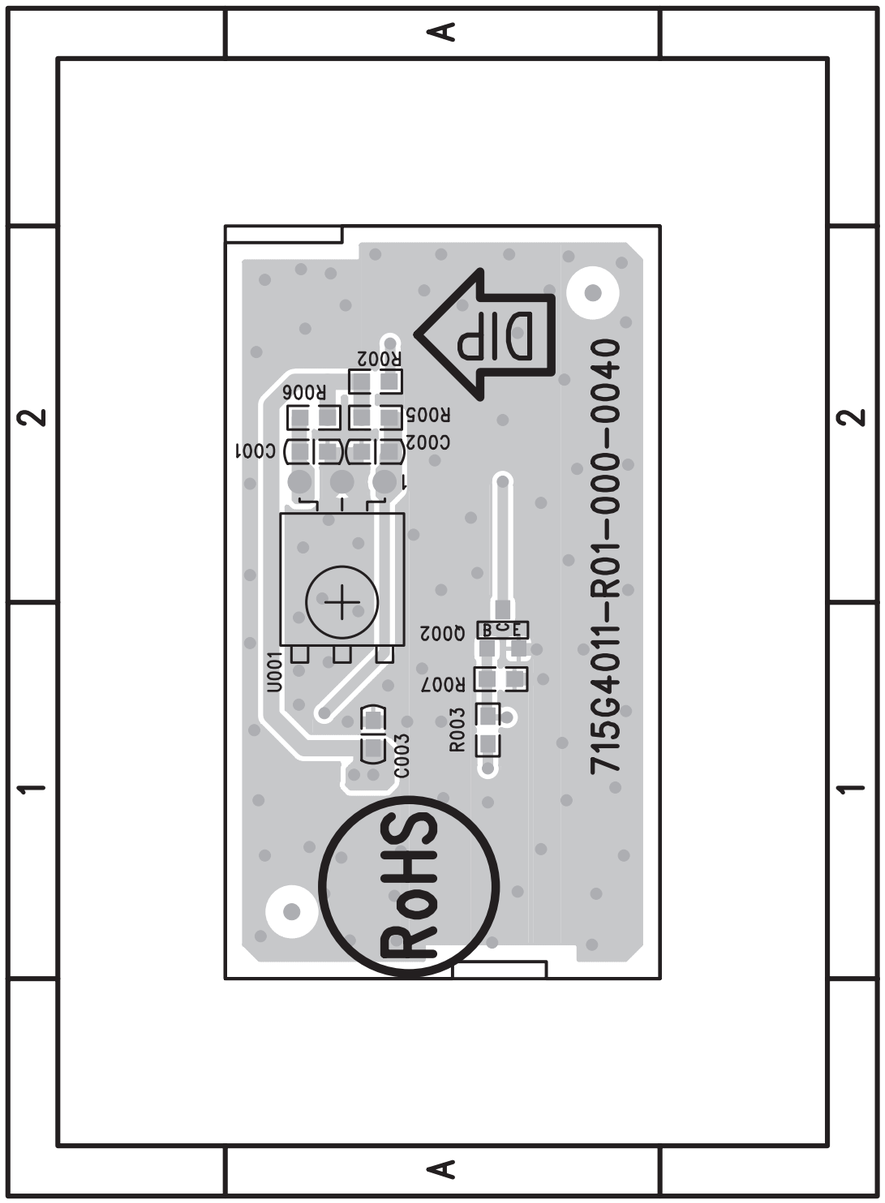


KEY UNIT (Side-B)

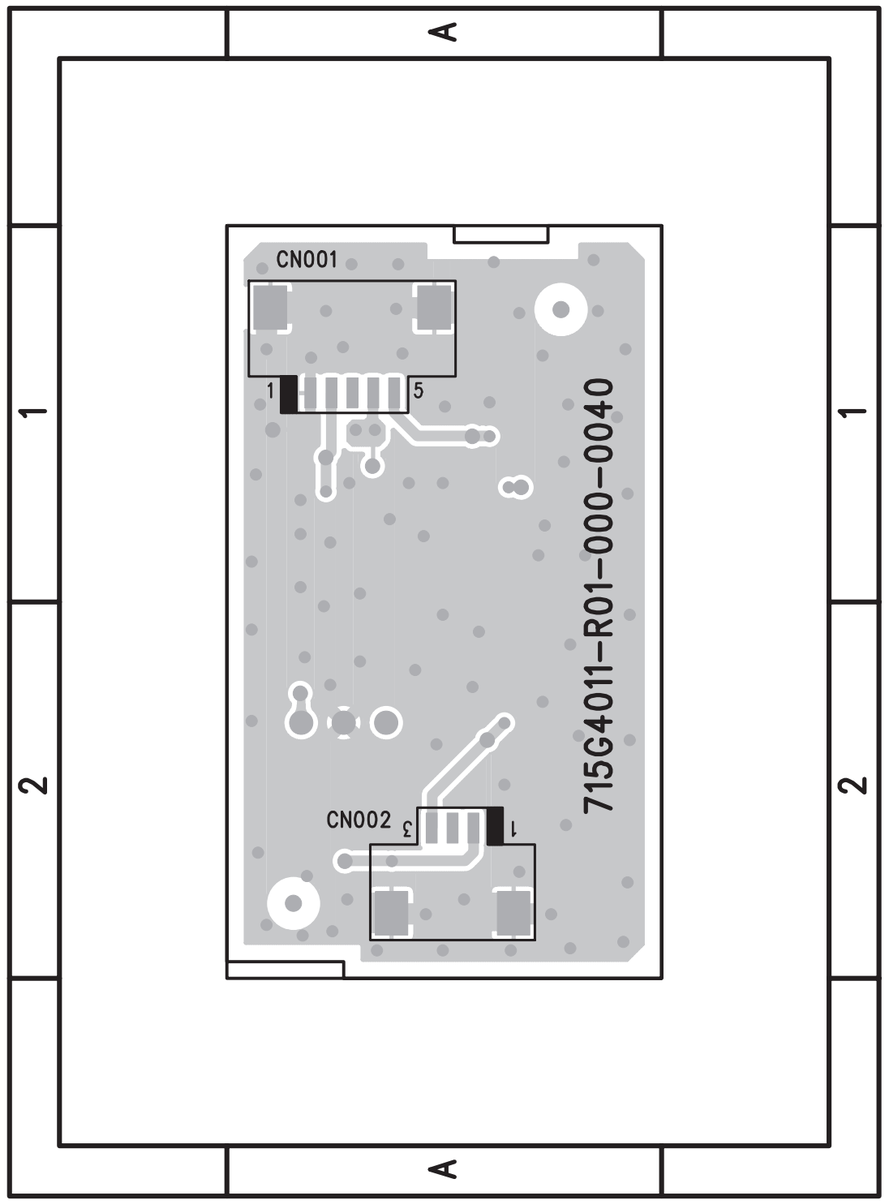


[4] IR UNIT PRINTED WIRING BOARD

IR UNIT (Side-A)

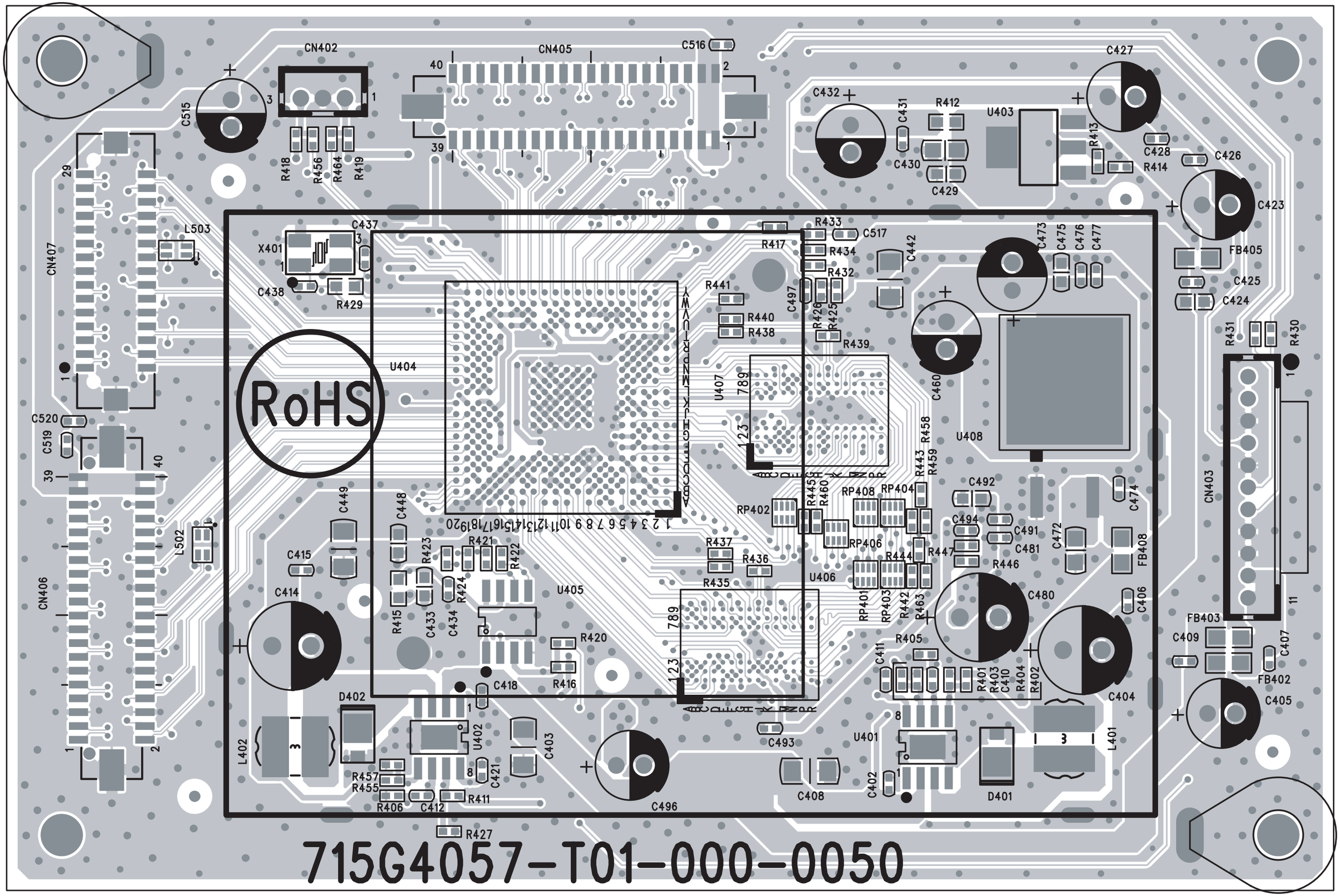


IR UNIT (Side-B)

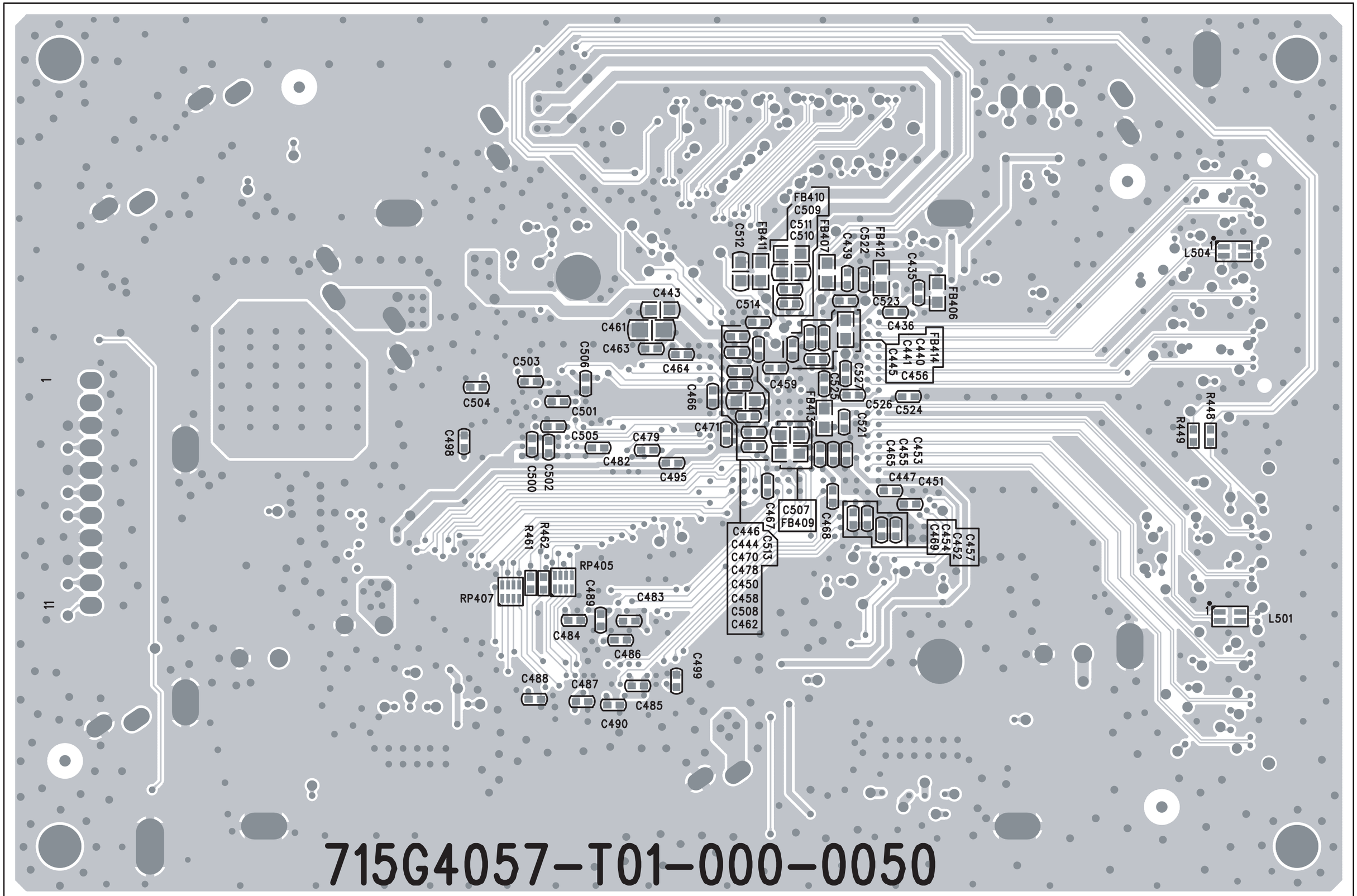


[5] MEMC UNIT PRINTED WIRING BOARD

MEMC UNIT (Side-A)

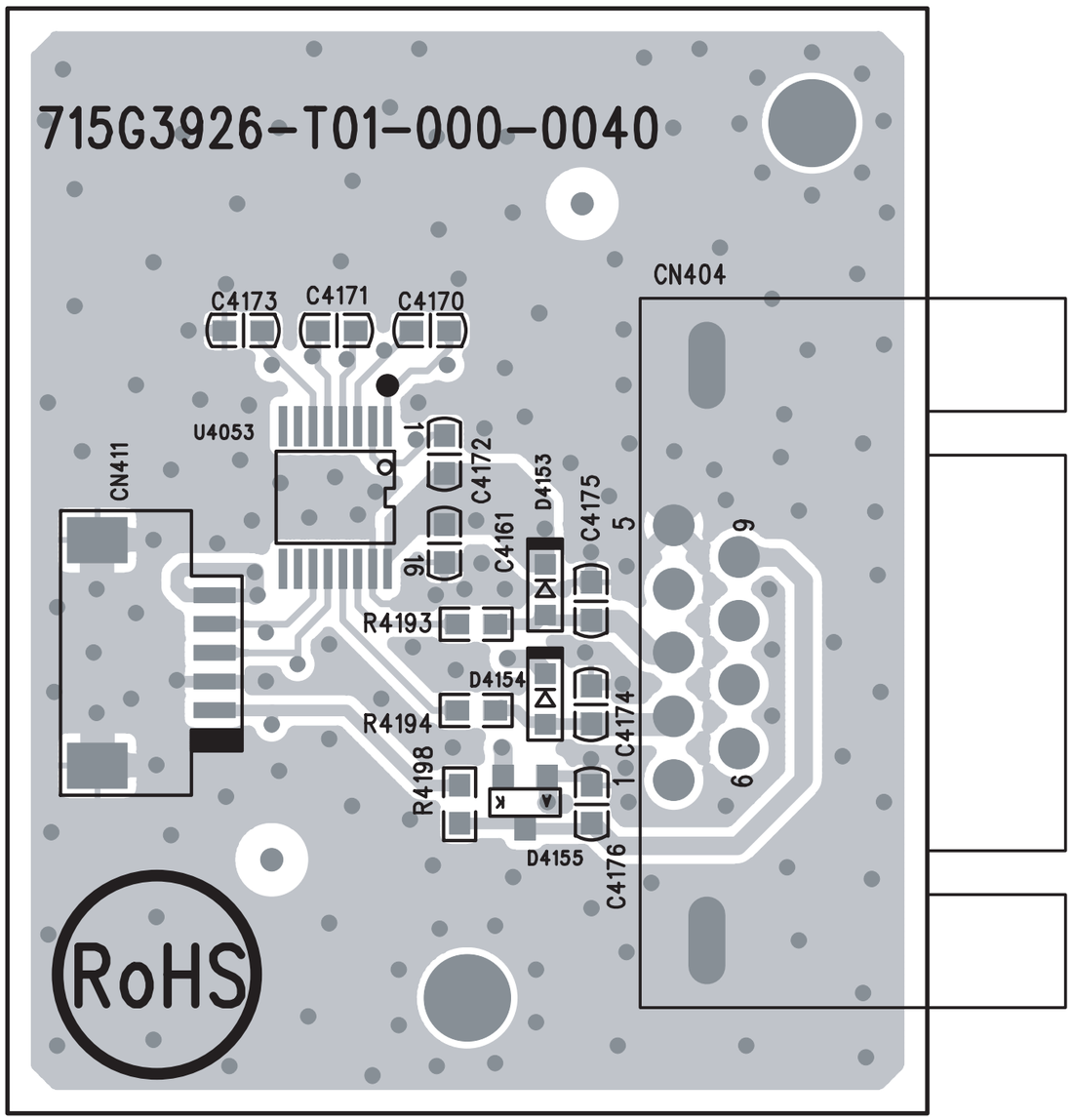


MEMC UNIT (Side-B)

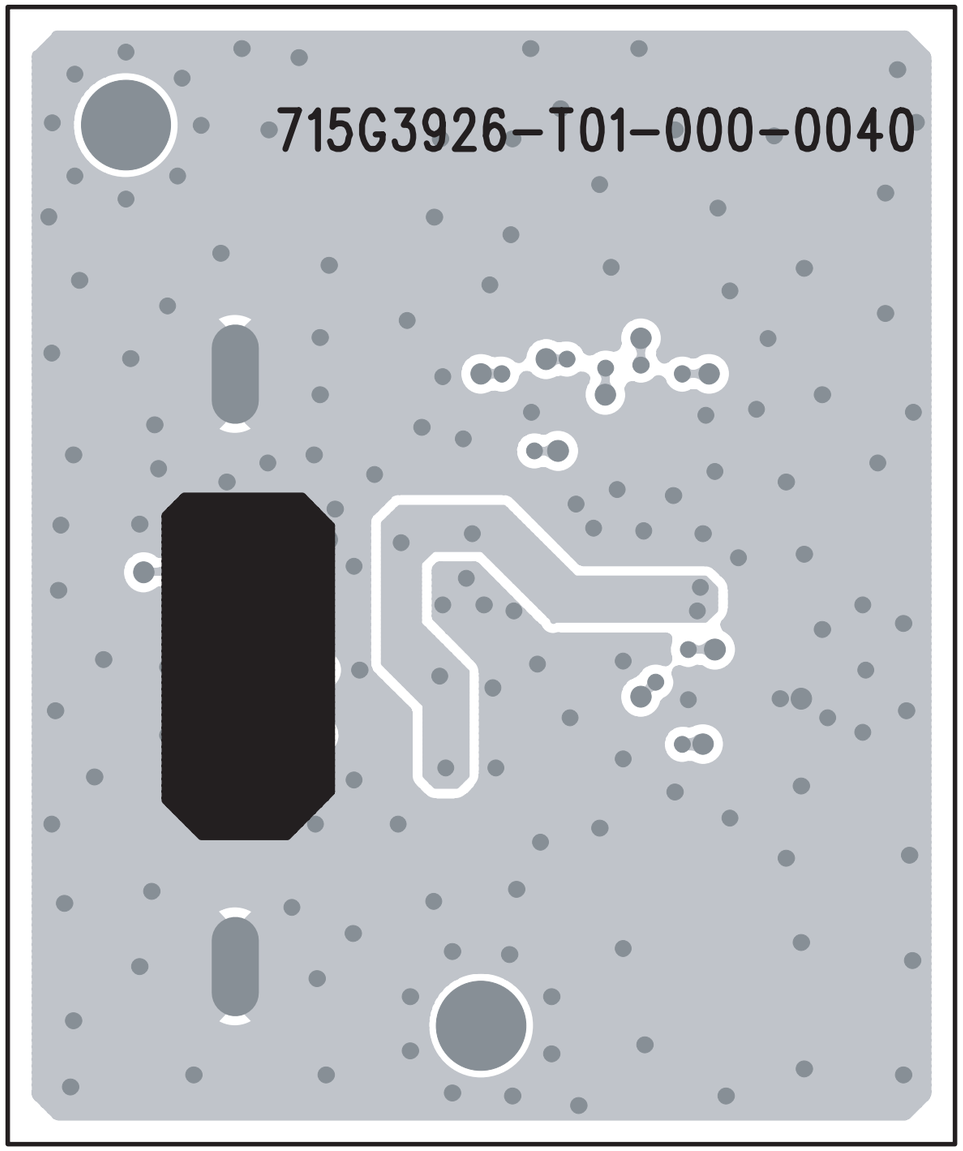


[6] RS232 UNIT PRINTED WIRING BOARD

RS232 UNIT (Side-A)

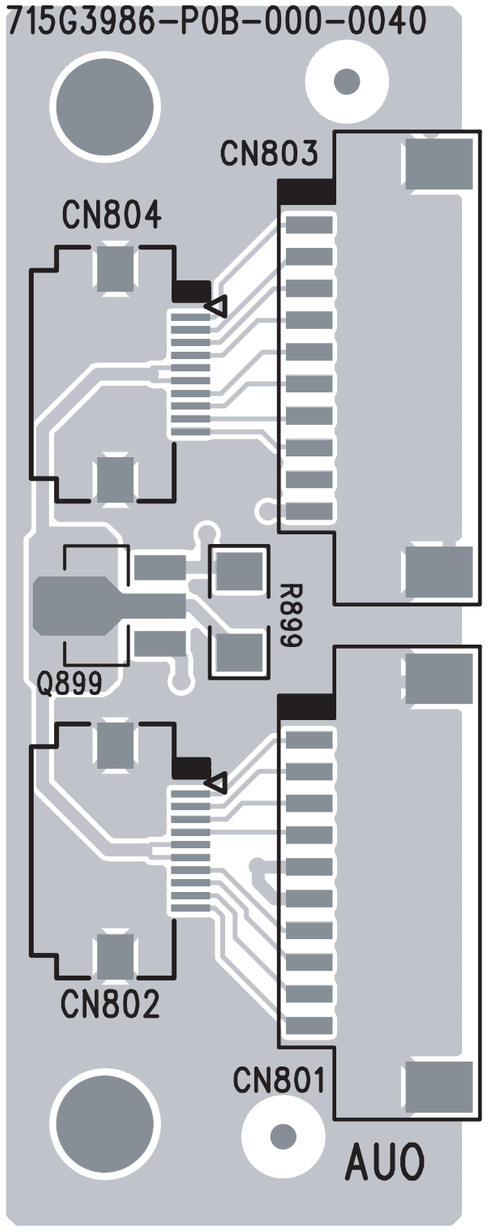


RS232 UNIT (Side-B)

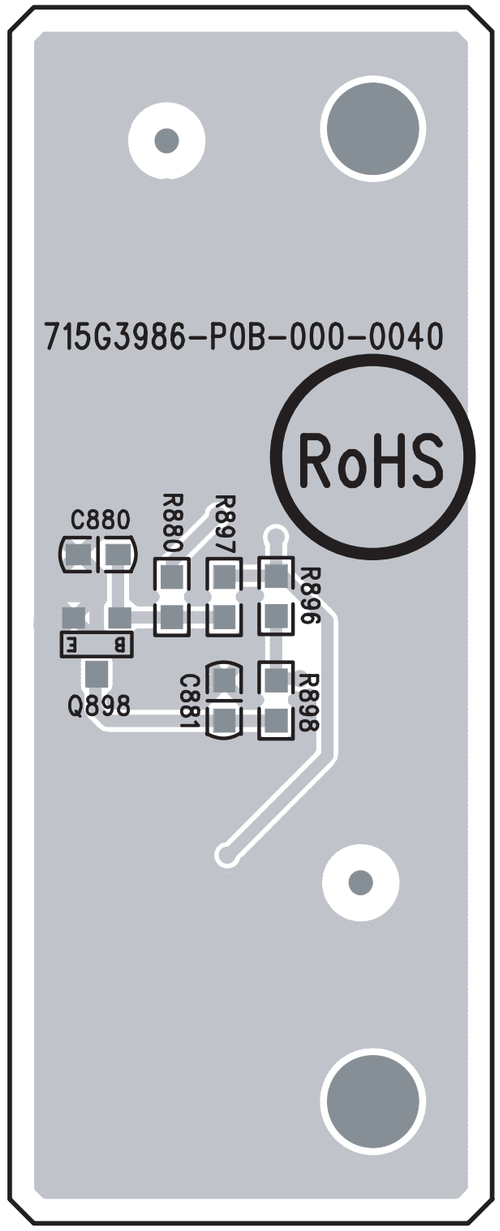


[7] Convert UNIT PRINTED WIRING BOARD (for 19” and 22” AUO panel)

Convert UNIT (Side-A)

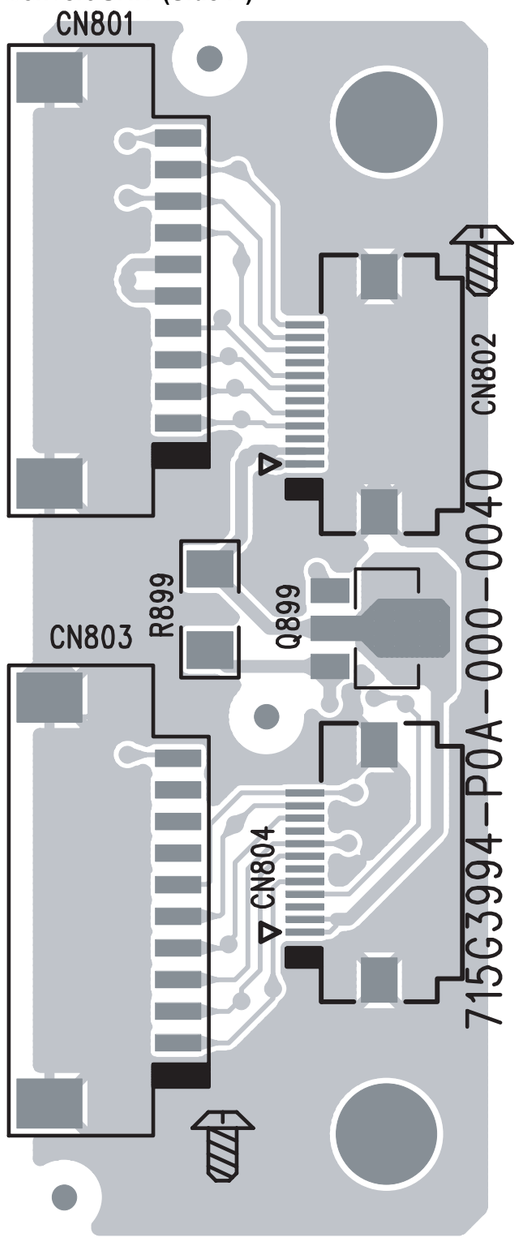


Convert UNIT (Side-B)

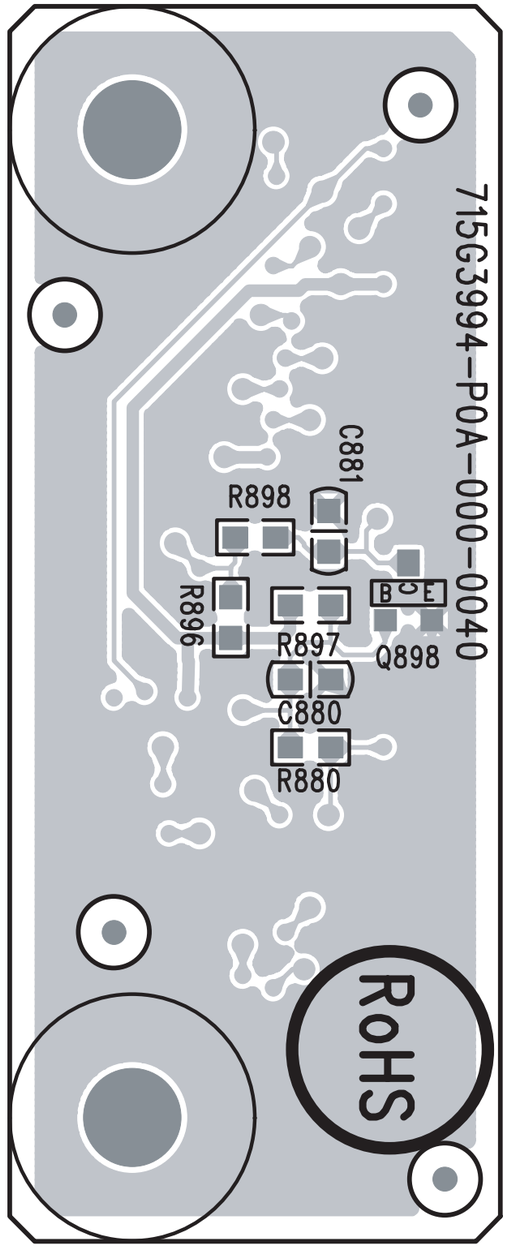


Convert UNIT PRINTED WIRING BOARD (for 19” and 22” CMO panel)

Convert UNIT (Side-A)



Convert UNIT (Side-B)

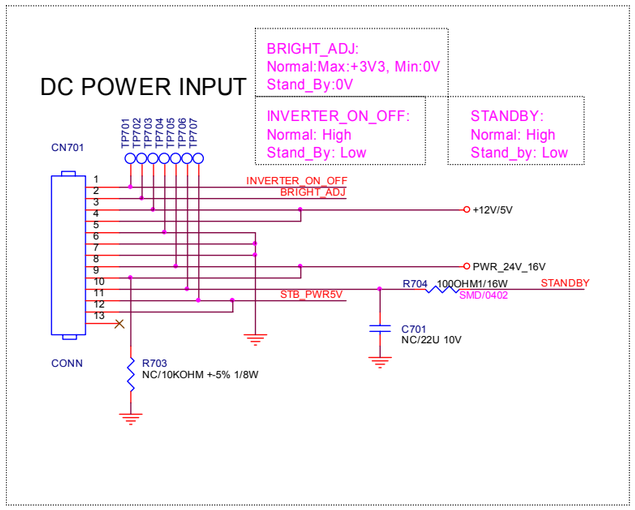


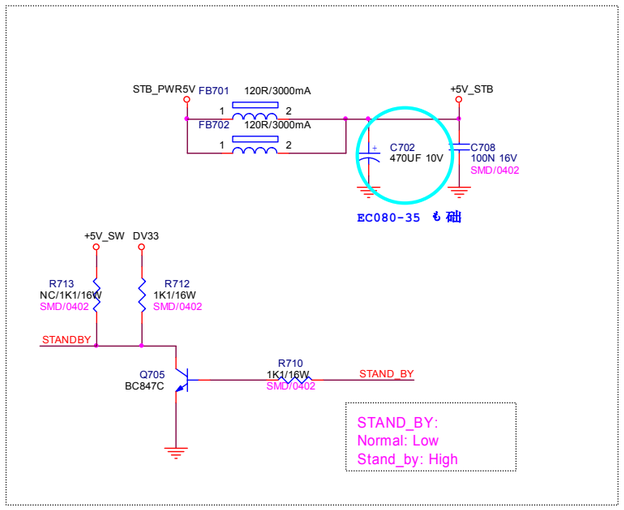
CHAPTER 8. SCHEMATIC DIAGRAM

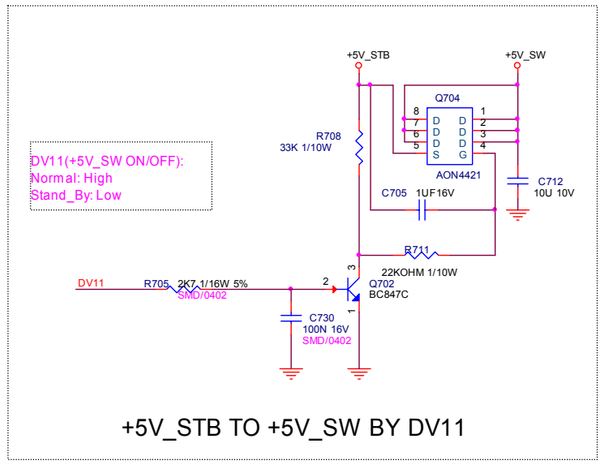
[1] MAIN SCHEMATIC DIAGRAM (for 19", 22" and 26")

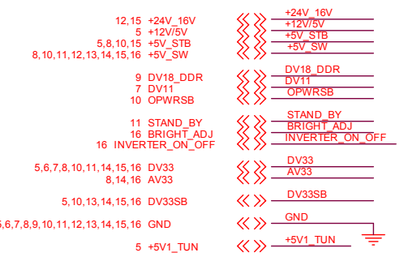
01. POWER-1

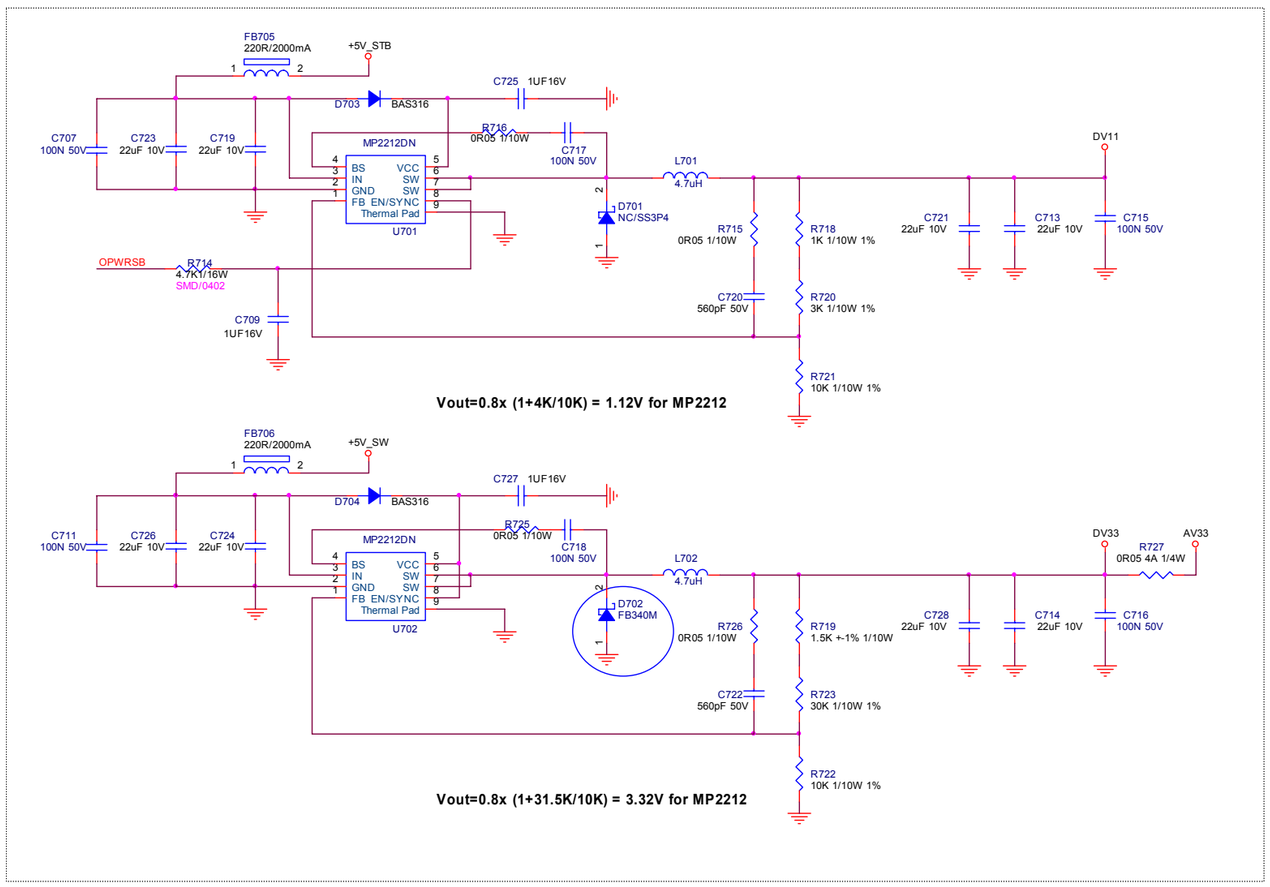
EU MT5363 - 4 LAYERS for small size

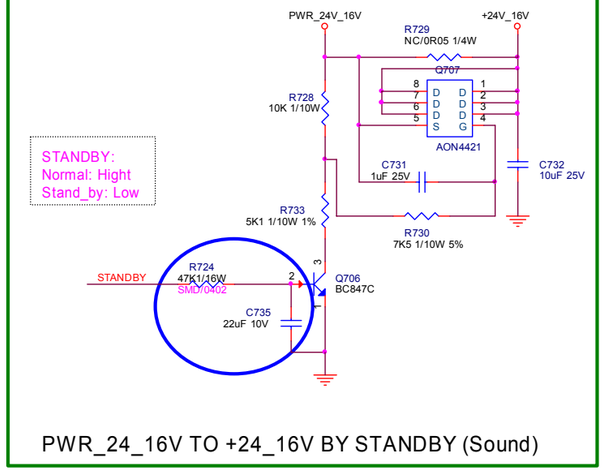


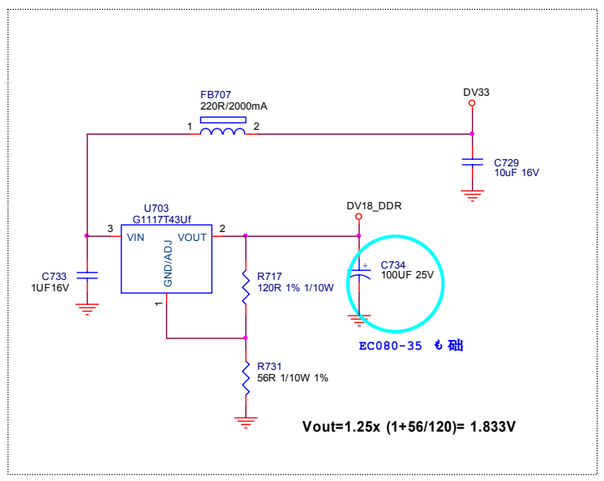


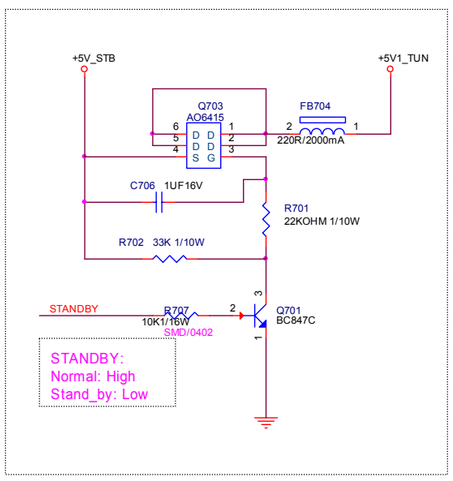


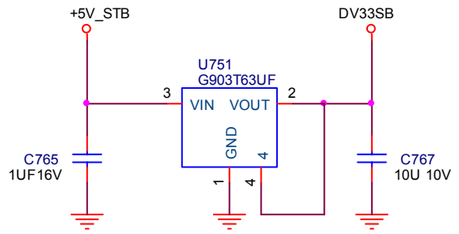




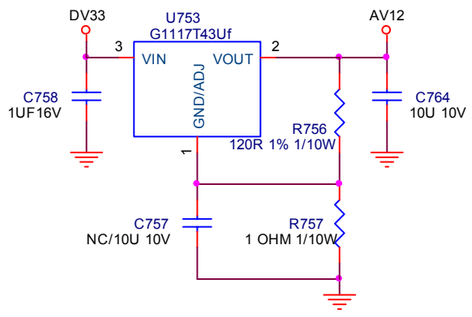






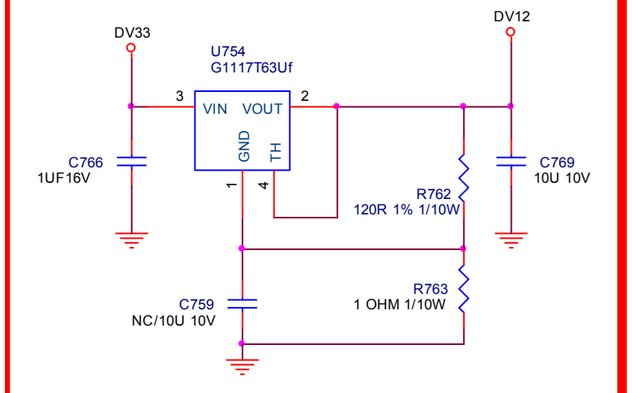


+5V_STB TO DV33SB



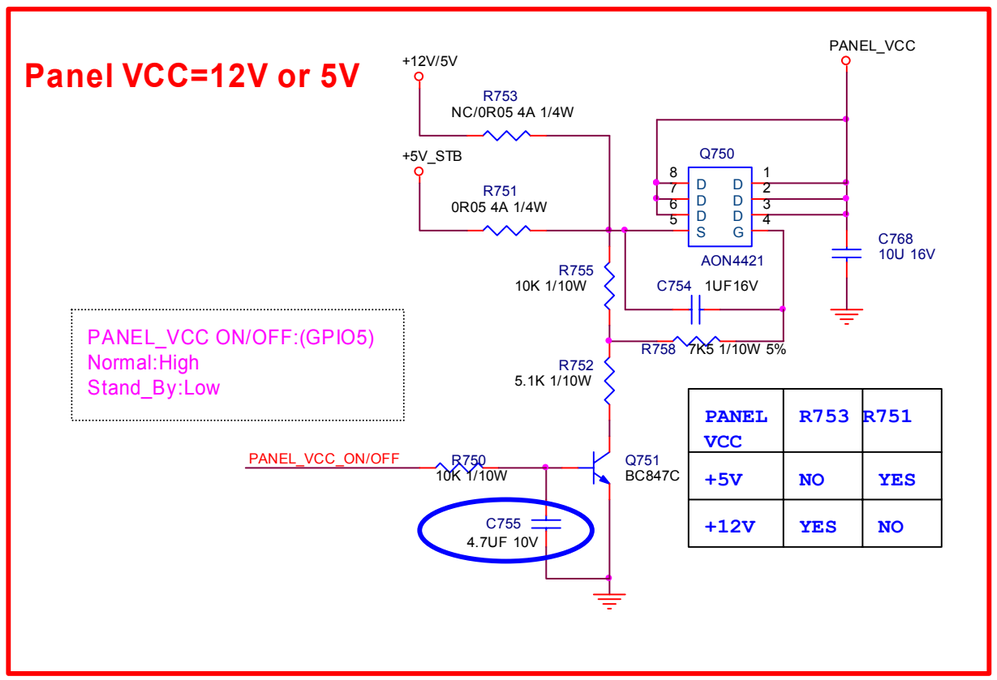
Vo=1.25 x (1+1R/120R) = 1.25V

DV33 TO AV12

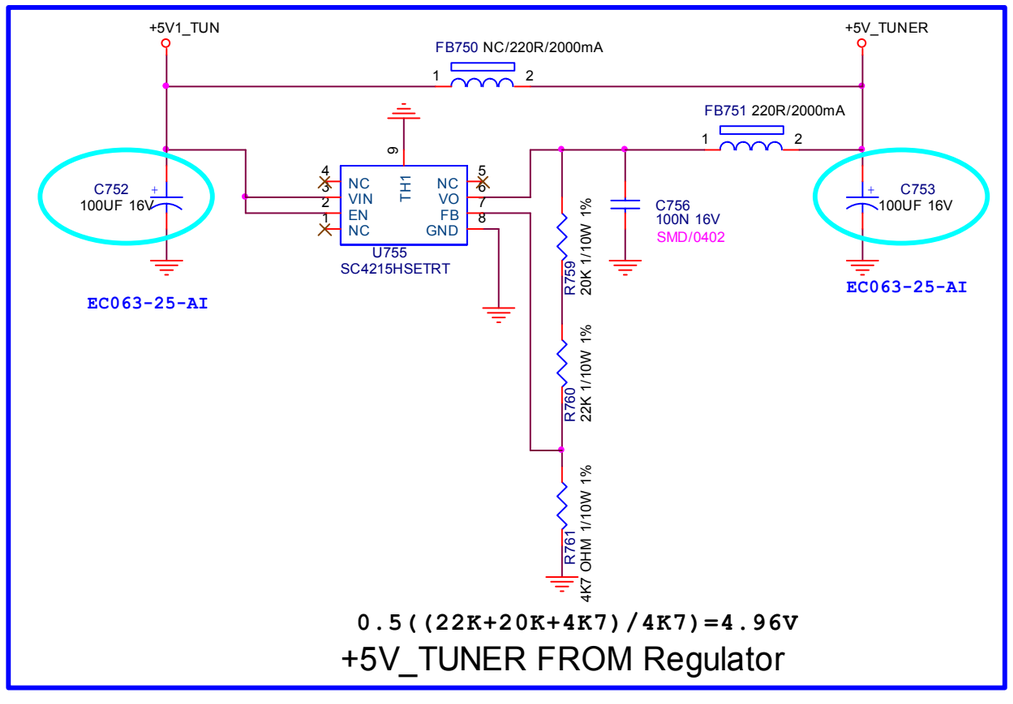


Vo=1.25 x (1+1R/120R) = 1.25V

DV33 TO DV12 for DVBC Demod



PANEL VCC	R753	R751
+5V	NO	YES
+12V	YES	NO



0.5((22K+20K+4K7)/4K7)=4.96V

+5V_TUNER FROM Regulator

4 +12V/5V
4,8,10,15 +5V_STB
+12V/5V
+5V_STB

4,8,10,11,12,13,14,15,16 +5V_SW
+5V_SW

4 +5V1_TUN
6 +5V_TUNER
+5V1_TUN
+5V_TUNER

4,6,7,8,10,11,14,15,16 DV33
4,8,14,16 AV33
10,13,14,15,16 DV33SB
7,8,9,14,16 AV12
16 PANEL_VCC
DV33
AV33
DV33SB
AV12
PANEL_VCC

4,9 DV18_DDR
6 DV12
DV18_DDR
DV12

8 PANEL_VCC_ON/OFF
PANEL_VCC_ON/OFF

4,6,7,8,9,10,11,12,13,14,15,16 GND
GND

03. TUNER

NUTUNE FH2607

TU102 TUNER

RF Pin In/Out, Ant Pwr, GND, NC, RF AGC, GND, VP(TUN), VT, GND, NC, AS, SCL, SDA, NC, IF_AGC, DIF1, DIF2, WIF OUT, NC, NC, NC, NC, NC, TH4, TH3, TH2, TH1

RF_AGC_NXP, +5V_T1, R1040 NC/0R05 1/10W, T_SCL, T_SDA, IF_AGCT_T, FAT+, FAT-

GND_Tuner

FB1007 NC/120R/3000mA — LNA_ON/OFF

C1009 NC/1N 50V SMD/0402 — C1003 NC/100N 16V SMD/0402

TU101 NC/TUNER

ANT[+5V], LNA ON/OFF, GND, +B(5V), RF AGC, GND, SDA, SCL, TU AS, DIF[+], DIF[-], IF AGC, NC, NC, NC, NC, TH4, TH3, TH2, TH1

RF_AGC_NXP — R1007 10K1/16W SMD/0402 — RF_AGC

C1012 47N 16V SMD/0402

C1031 100P 50V SMD/0402 — TU_MPX_P2

TUNER_CVBS1

FAT+ — R1010 0R05 1/16W SMD/0402 — TU_FAT_IN2+

FAT- — R1013 0R05 1/16W SMD/0402 — TU_FAT_IN2-

C1010 NC/39pF 50V SMD/0402 — C1011 NC/39pF 50V SMD/0402

+5V_T1 — C1048 100N 16V SMD/0402 — C1001 10U 10V

FB1006 220R/2000mA — +5V_TUNER

EC080-35 も 品

C1000 470UF 10V

RF_AGC_TUNER — R1024 100K1/16W SMD/0402 — Q1001 BC857C — R1008 10K1/16W SMD/0402 — RF_AGCT

C1015 47N 16V SMD/0402

R1004 NC/0R05 1/10W

Close to MT5363

RFAGC Critical Signal
Place these two LPF closed to main chip rather than tuner.

Tuner	R1004	Q1001	R1024	C1003	C1009	FB1007	R1047	R1048
LG	Yes	NC	NC	Yes	Yes	Yes	0R	0R
Nutune	NC	Yes	Yes	NC	NC	NC	100R	100R

+5V_TUNER — R1002 4.7K1/16W SMD/0402 — R1003 4.7K1/16W SMD/0402

T_SCL, T_SDA — R1011 100R 1/10W 1% — R1012 100R 1/10W 1% — TUNER_CLK_Demod, TUNER_DATA_Demod

C1017 39pF 50V SMD/0402 — C1016 39pF 50V SMD/0402

GND_Tuner

IF_AGCT_T — R1005 10K1/16W SMD/0402 — IF_AGC — R1006 10K1/16W SMD/0402 — IF_AGCT

C1013 47N 16V SMD/0402 — C1014 47N 16V SMD/0402

Place these two LPF closed to main chip rather than tuner.

Tuner	R1047	R1048
LG	0R	0R
Nutune	100R	100R

4,8,10,11,12,13,14,15,16 +5V_SW ⟷ +5V_SW

5 DV12 ⟷ DV12

4,9 DV18_DDR ⟷ DV18_DDR

5 +5V_TUNER ⟷ +5V_TUNER

4,5,7,8,10,11,14,15,16 DV33 ⟷ DV33

4,5,7,8,9,10,11,12,13,14,15,16 GND

11 TDO ⟷ TDO
11 TVAVLID ⟷ TVAVLID
11 TCK ⟷ TCK
11 TSYNC ⟷ TSYNC
11 LNA_ON/OFF ⟷ LNA_ON/OFF
8 MPX_P ⟷ MPX_P
8 MPX_N ⟷ MPX_N
8 TUNER_BYPASS_In ⟷ TUNER_BYPASS_In
8 CVBS0P ⟷ CVBS0P

11 CI_INDATA0 ⟷ CI_INDATA0
11 CI_INDATA1 ⟷ CI_INDATA1
11 CI_INDATA2 ⟷ CI_INDATA2
11 CI_INDATA3 ⟷ CI_INDATA3
11 CI_INDATA4 ⟷ CI_INDATA4
11 CI_INDATA5 ⟷ CI_INDATA5
11 CI_INDATA6 ⟷ CI_INDATA6
11 CI_INDATA7 ⟷ CI_INDATA7
11 CI_INVALID ⟷ CI_INVALID
11 CI_INSYNC ⟷ CI_INSYNC
11 CI_INCLK ⟷ CI_INCLK
11 RF_AGC_TUNER ⟷ RF_AGC_TUNER
7,8 M_AOLRCK ⟷ M_AOLRCK

Tuner Control

8 FAT_IN- ⟷ FAT_IN-
8 FAT_IN+ ⟷ FAT_IN+
8 TUNER_DATA ⟷ TUNER_DATA
8 TUNER_CLK ⟷ TUNER_CLK
8 IF_AGC ⟷ IF_AGC
8 RF_AGCT ⟷ RF_AGCT

11 SYS_RESET ⟷ SYS_RESET

FB1003 120R/3000mA — DV33_DVBC — DV33

C1033 100N 16V SMD/0402 — C1034 100N 16V SMD/0402 — C1035 100N 16V SMD/0402 — C1036 100N 16V SMD/0402

FB1004 120R/3000mA — DV12_DVBC — DV12

C1037 100N 16V SMD/0402 — C1038 100N 16V SMD/0402 — C1039 100N 16V SMD/0402 — C1040 10uF 6.3V

FB1009 120R/3000mA — DV12_VADC — DV12

C1072 100N 16V SMD/0402 — C1071 10uF 6.3V

FB1000 120R/3000mA — R1052 0R05 1/10W
FB1002 120R/3000mA
FB1005 120R/3000mA
FB1011 120R/3000mA
FB1012 120R/3000mA
R1051 0R05 1/10W
FB1022 120R/3000mA

FB1017 120R/3000mA — FB1018 120R/3000mA — R1050 0R05 1/10W — R1049 0R05 1/10W — FB1013 120R/3000mA — FB1014 120R/3000mA — FB1020 120R/3000mA — FB1021 120R/3000mA — FB1025 120R/3000mA

GND_Tuner

Impedance Contrl 100ohm and route these path with differential pattern on top layer.

IF BPF — Close to MT5363

TU_FAT_IN2+_T — R1047 100OHM1/16W SMD/0402 — C1020 22P 50V — L1002 0.33uH 10% — C1022 33P 50V SMD/0402 — L1003 0.33uH 10% — C1021 22P 50V — R1048 100OHM1/16W SMD/0402 — TU_FAT_IN2-_T

L1000 0.22uH 10% — C1018 33P 50V SMD/0402 — C1105 10N 50V SMD/0402 — FAT_IN+

L1001 0.22uH 10% — C1019 33P 50V SMD/0402 — C1106 10N 50V SMD/0402 — FAT_IN-

L1005 NC/0.33uH 10%

A/V Filter — As Closed as to Main Chip

TU_MPX_P2 — R1026 NC/0R05 1/16W SMD/0402 — MPX_P1 — C1027 NC/10nF50V SMD/0402 — MPX_P

C1025 NC/15PF50V SMD/0402

MPX_N1 — R1027 NC/0R05 1/16W SMD/0402 — C1028 NC/10nF50V SMD/0402 — MPX_N

GND_Tuner

TUNER_CVBS1 — R1028 NC/0R05 1/16W SMD/0402 — TUNER_CVBS

R1029 NC/100R 1/16W 5% SMD/0402 — TUNER_BYPASS_In

C1029 NC/47nF 16V SMD/0402

C1030 NC/47nF 16V SMD/0402 — R1030 NC/100R 1/16W 5% SMD/0402 — CVBS0P

R1001 NC/75OHM1/16W SMD/0402 — R1000 NC/75OHM1/16W SMD/0402 — C1026 NC/47pF 50V SMD/0402

GND_Tuner

IF_AGC_C — R1019 1K1/16W SMD/0402 — C1069 10N 50V SMD/0402

CLOSE TO SI2163

RP1002 0OHM 1/16W — TVAVLID, TSYNC, TDO ⟷ CI_INVALID, CI_INSYNC, CI_INDATA0

R1032 100OHM1/16W — R1033 100OHM1/16W SMD/0402 — TUNER_CLK, TUNER_DATA

RP1003 0OHM 1/16W — TVAVLID, TSYNC, TDO — FB1023 60 OHM — TCK

SI2163_CLK — C1042 NC/10P 50V SMD/0402 — C1049 10P 50V

U101 SI2163

GND, GPIO_0, RESSI_ADC, SCL_MAST, SDA_MAST, ADC_CN, ADC_CP, ADC_IP, VDD_VADC, VDD_ANA, ADDR, XTAL_I, XTAL_O, VDD_CORE, RESETB, TS_ERR/GPIO_2, TS_DATA7, GND

TS_DATA0 ⟷ CI_INDATA1
TS_DATA1 ⟷ CI_INDATA2
TS_DATA2 ⟷ CI_INDATA3
TS_DATA3 ⟷ CI_INDATA4
TS_DATA4 ⟷ CI_INDATA5
TS_DATA5 ⟷ CI_INDATA6
TS_DATA6 ⟷ CI_INDATA7

RP1000 0OHM 1/16W — RP1001 0OHM 1/16W

TUNER_CLK_Demod — R1017 0R05 1/16W SMD/0402
TUNER_DATA_Demod — R1018 0R05 1/16W SMD/0402

FAT_IN- C — C1070 100N 16V SMD/0402
FAT_IN+_C — C1041 100N 16V SMD/0402

SYS_RESET — R1042 0R05 1/16W SMD/0402

R1031 10K1/16W SMD/0402 — DV33 — FB1024 120R/3000mA — R1043 0R05 1/10W — SI2163_VDDH_ANA

C1023 100N 16V — C1024 10uF 6.3V

DV33_DVBC — R1016 NC/4.7K1/16W SMD/0402 — R1002 0R05 1/16W SMD/0402

X1000 16MHz — C1005 27P 50V — C1006 27P 50V

TP1000

DVB_C Demod

TU_FAT_IN2+_T — R1045 0R05 1/16W SMD/0402 — TU_FAT_IN2+

TU_FAT_IN2-_T — R1046 0R05 1/16W SMD/0402 — TU_FAT_IN2-

IF_AGC_C — R1025 0R05 1/16W SMD/0402 — IF_AGC

BYPASS MUX

DV33_DVBC — U102 TS5A3157DCKR — CI_INCLK — M_AOLRCK, TCK

L1008 NC/0.22uH 10%

C1043 NC/56pF 50V SMD/0402 — C1046 NC/100N 16V SMD/0402

TU_FAT_IN2+ — R1039 0R05 1/16W SMD/0402 — R1041 0R05 1/10W — FAT_IN+_C

TU_FAT_IN2- — R1038 0R05 1/16W SMD/0402 — R1044 0R05 1/10W — FAT_IN-_C

C1044 NC/56pF 50V SMD/0402 — C1045 NC/100N 16V SMD/0402

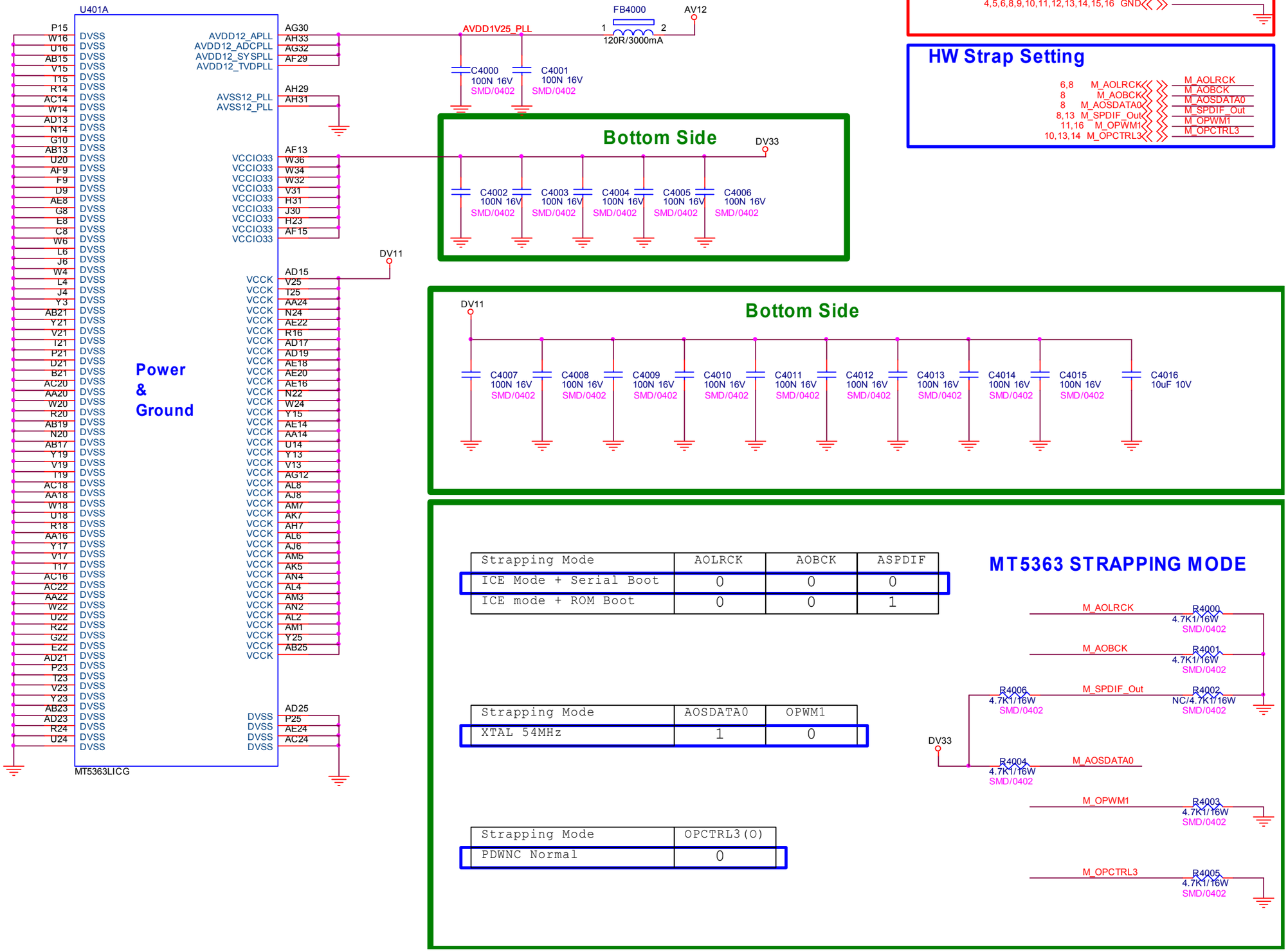
L1009 NC/0.22uH 10%

Close to DVB_C Demod

SMD/0402
TUNER_DATA — R1034 NC/0R05 1/16W — TUNER_DATA_Demod
TUNER_CLK — R1035 NC/0R05 1/16W — TUNER_CLK_Demod
SMD/0402

	R1034	R1035
W DVB-C	NC	NC
W/O DVB-C	YES	YES

04. MT5363 BYPASS/TRAP.



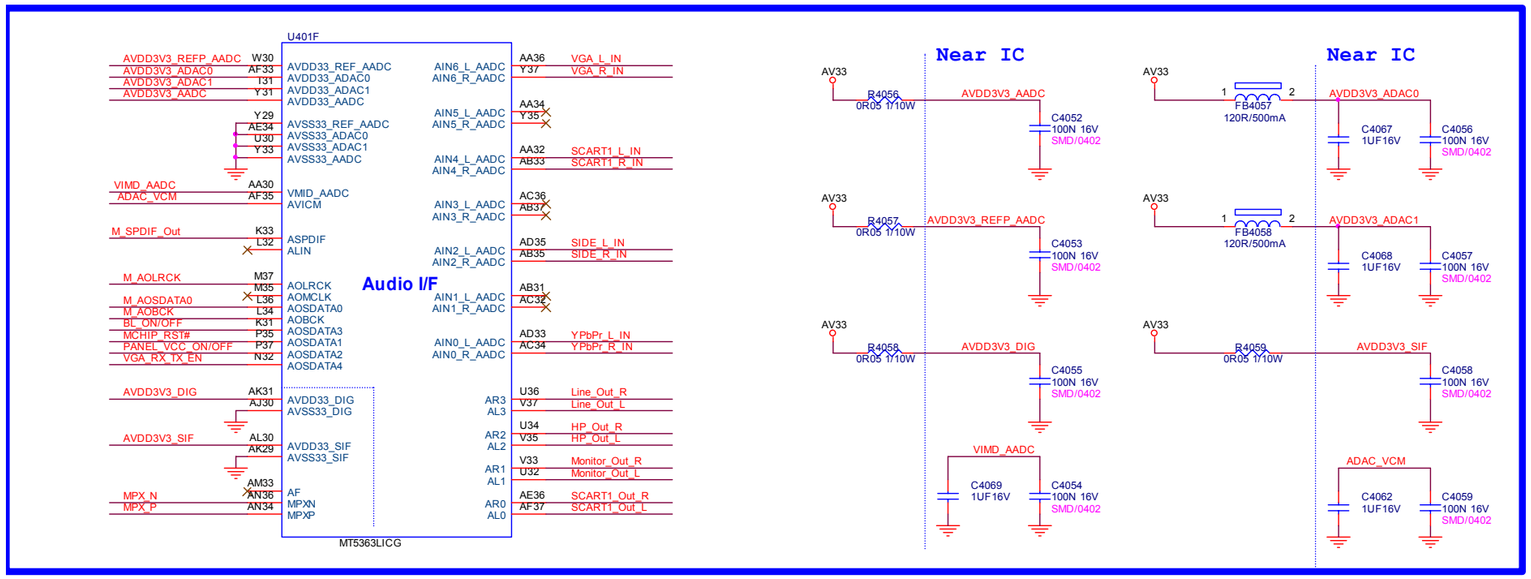
Strapping Mode	AOLRCK	AOBCK	ASPDIF
ICE Mode + Serial Boot	0	0	0
ICE mode + ROM Boot	0	0	1

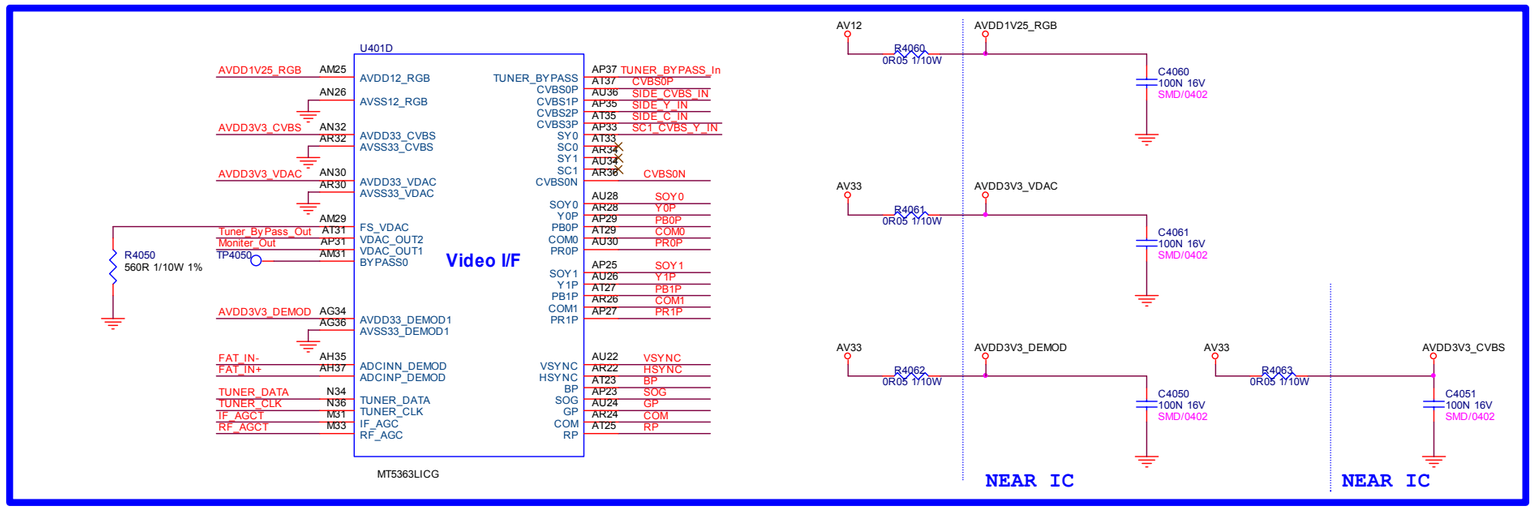
Strapping Mode	AOSDATA0	OPWM1
XTAL 54MHz	1	0

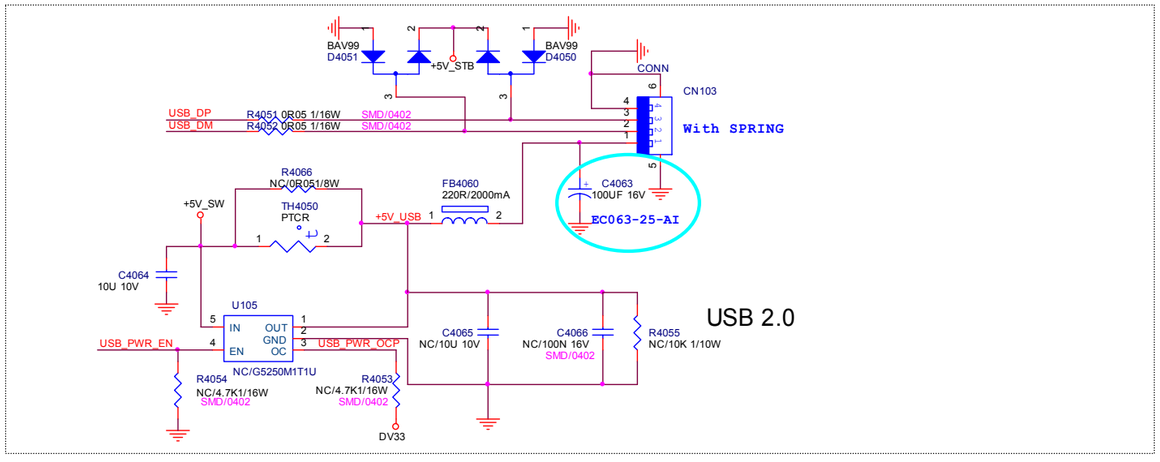
Strapping Mode	OPCTRL3(O)
PDWNC Normal	0

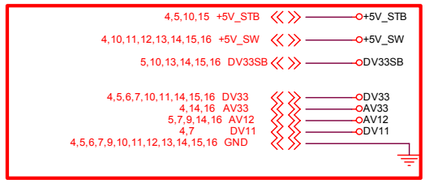
MT5363 STRAPPING MODE

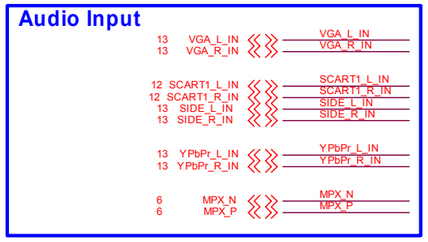
05. MT5363 PERIPHERAL/USB2.0

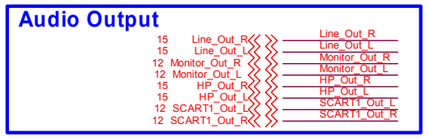


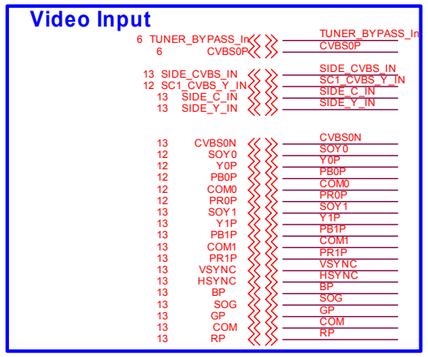


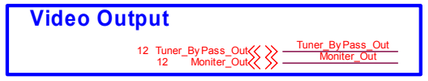


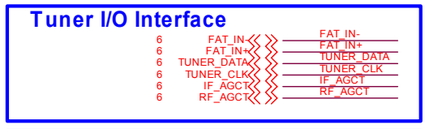




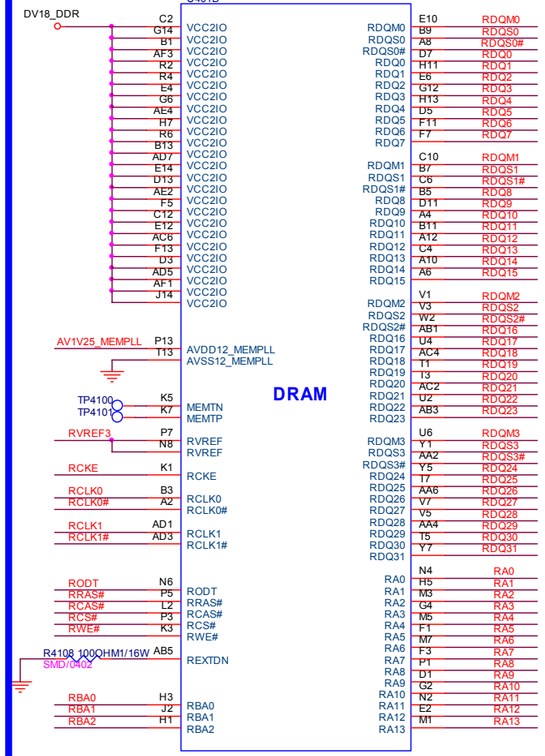




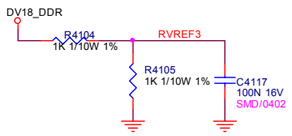


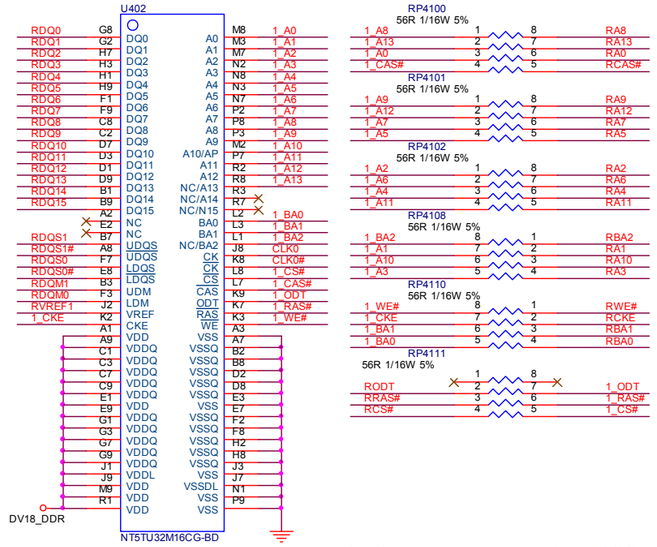


DDR2 Interface



RVREF_as closed to MT5363





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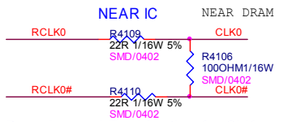
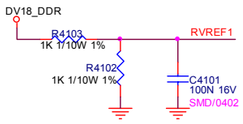
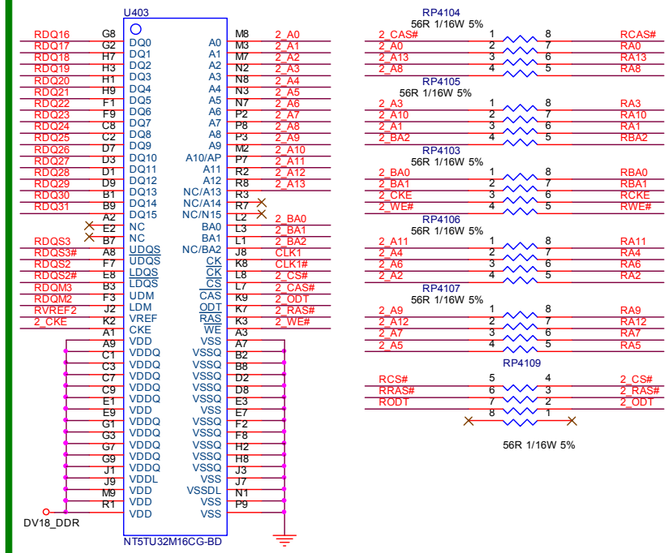


Damping and Termination for CLK





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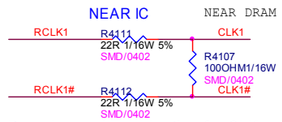
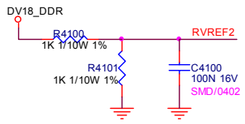
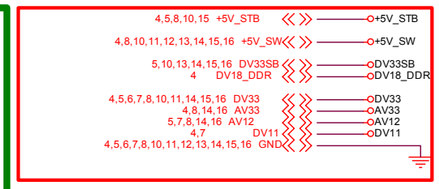
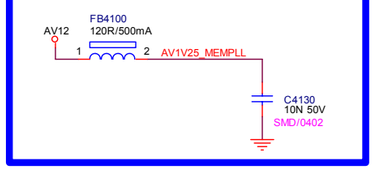


Damping and Termination for CLK

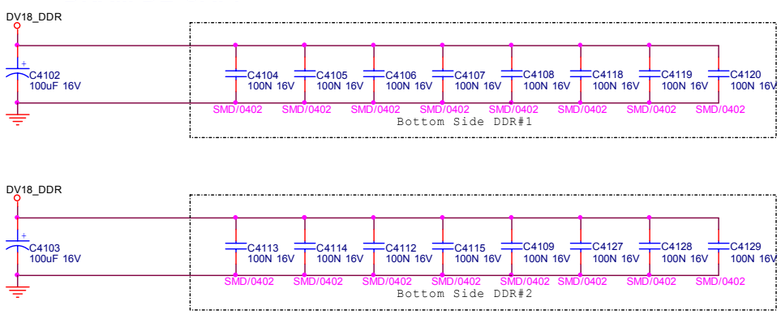




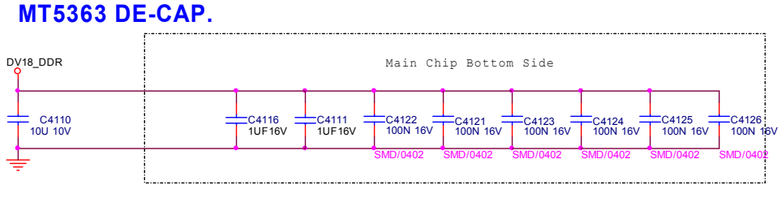
AV1V25_MEMPLL



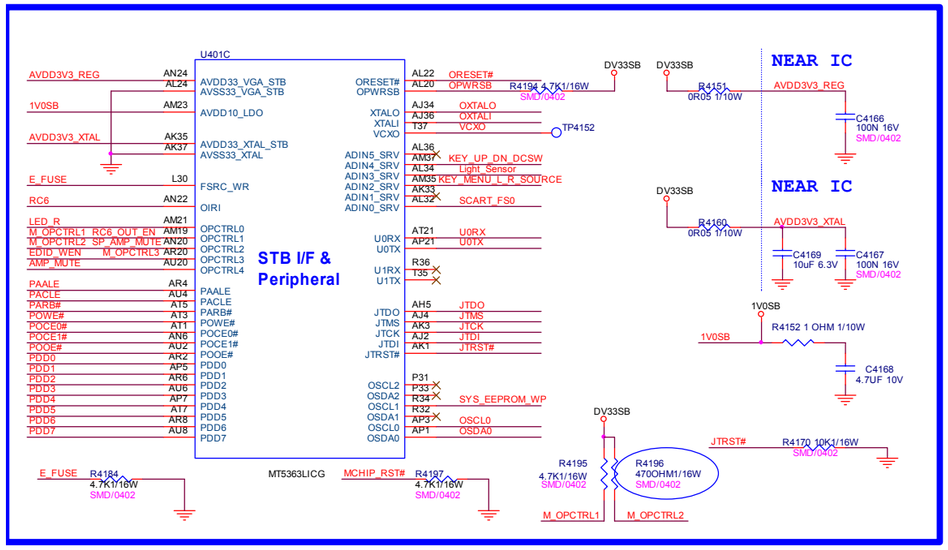
DRAM DE-CAP.

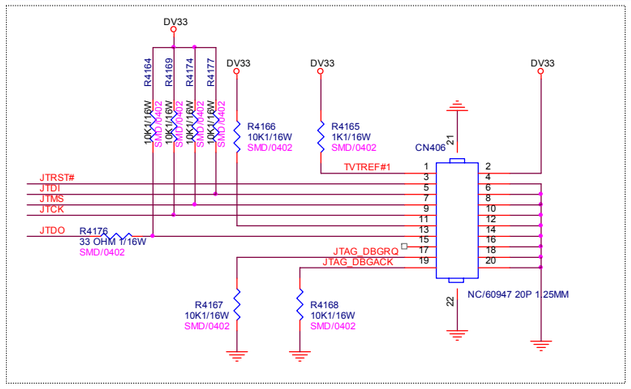


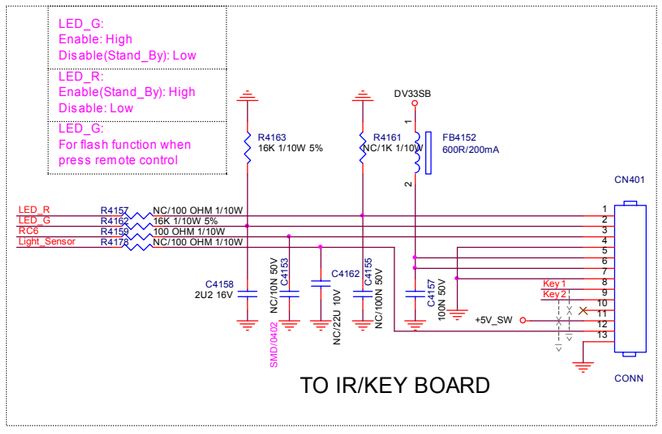
MT5363 DE-CAP.

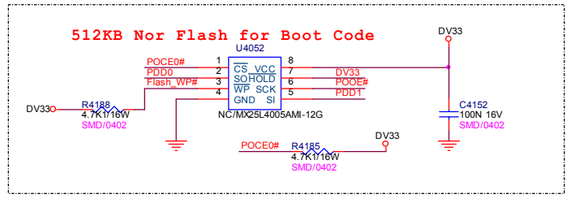


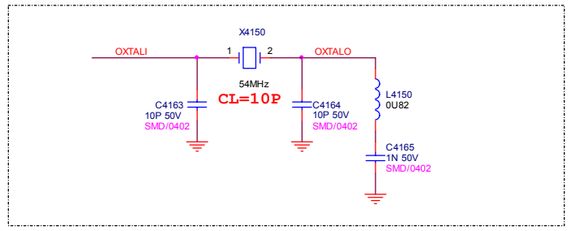
07. FLASH/JTAG/UART/IR/RS232

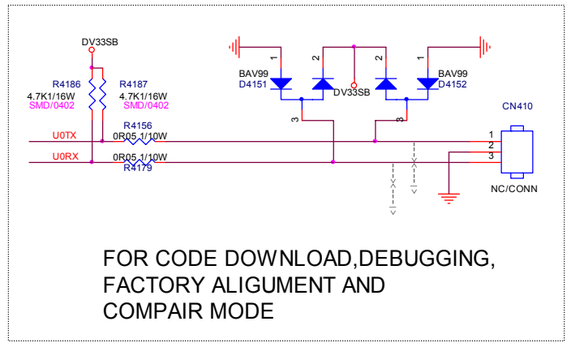


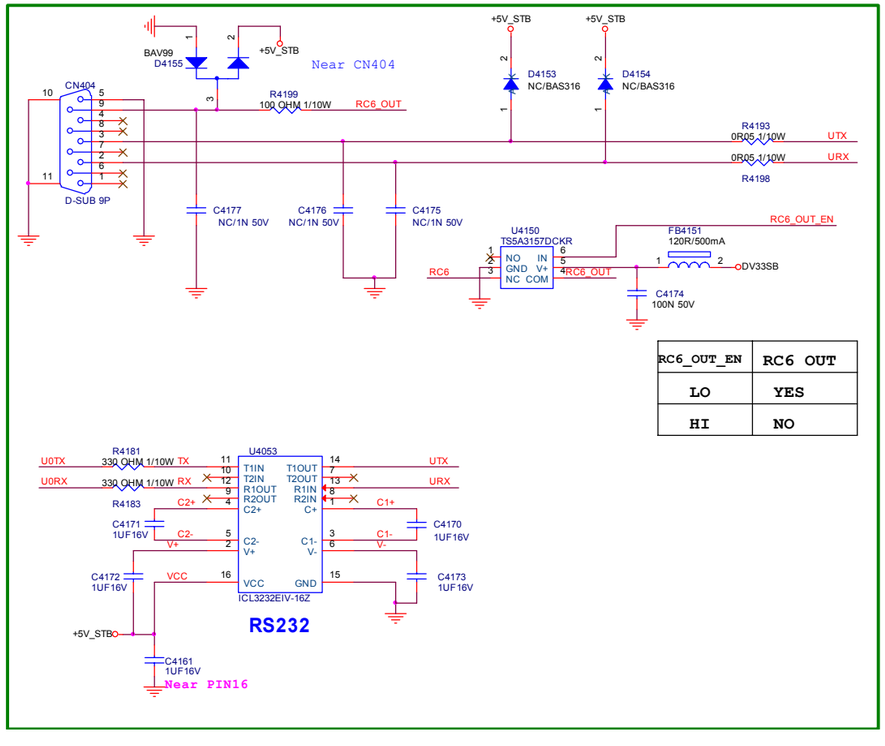


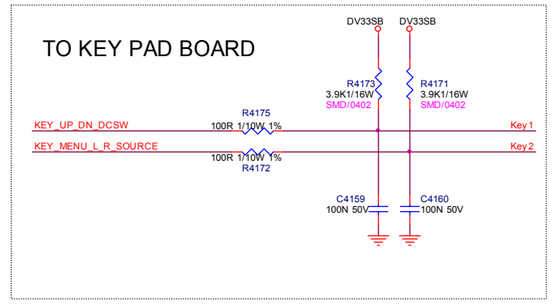


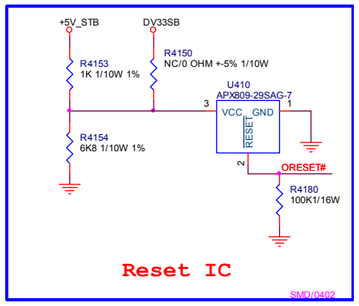


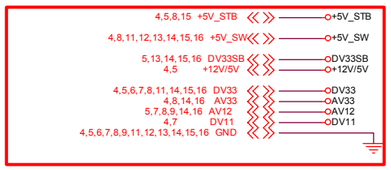


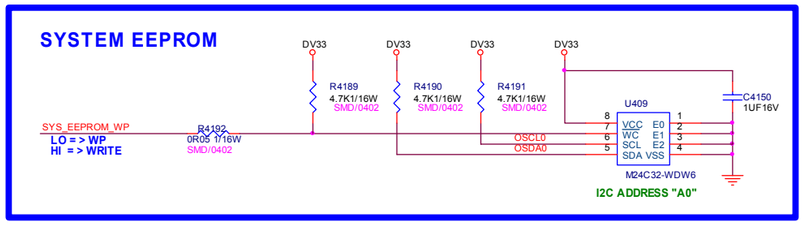


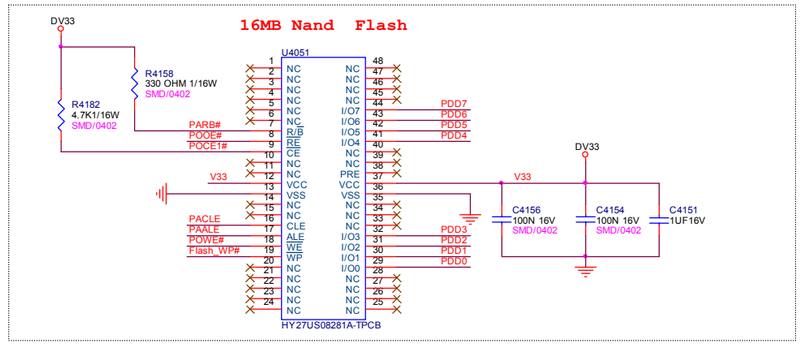




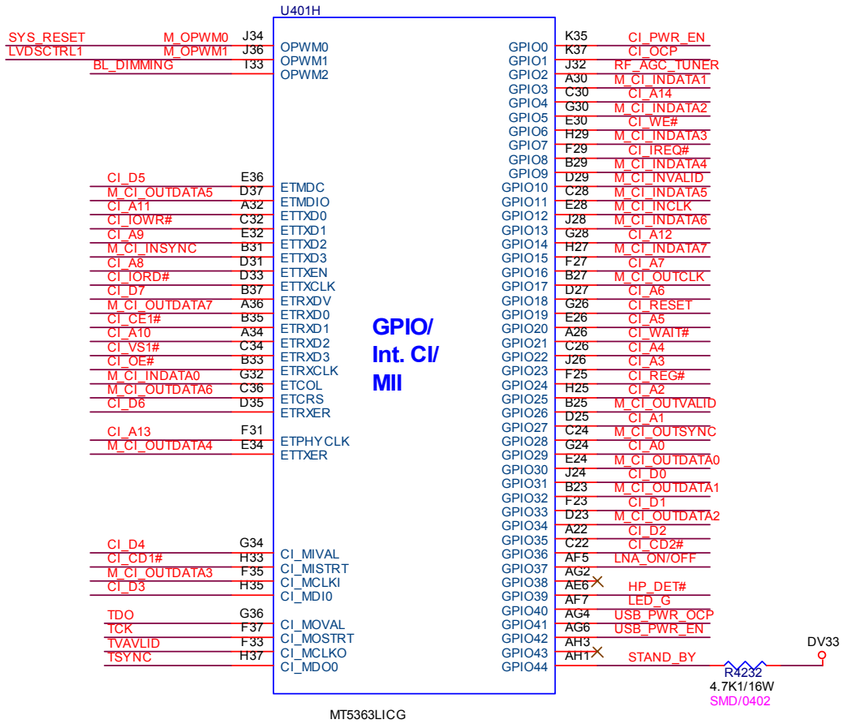




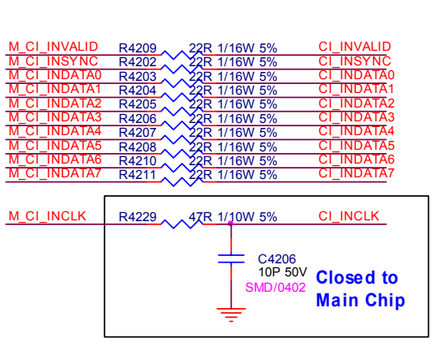


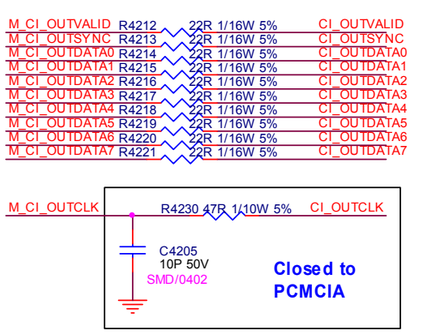


08. CI CARD

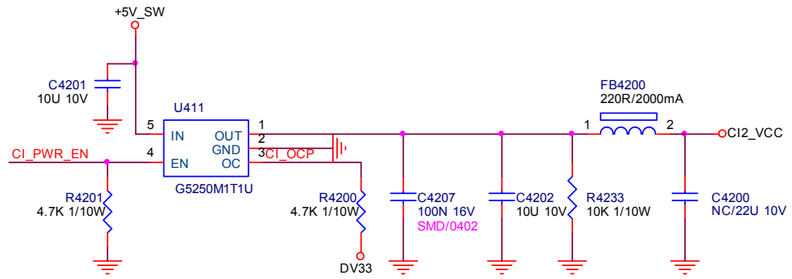


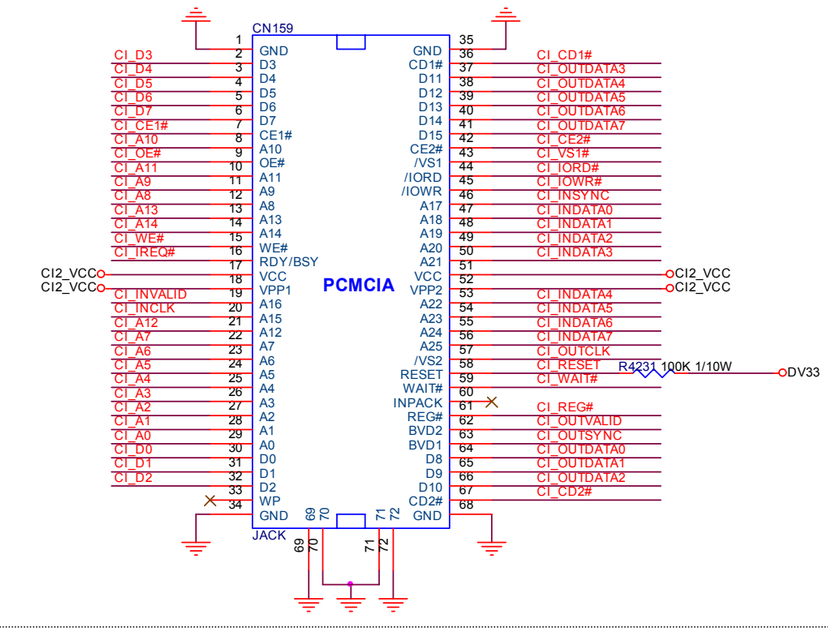
Function 1 (Internal CI) CI Interface

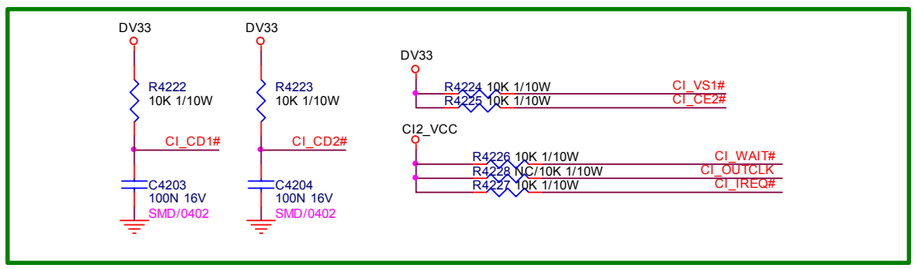


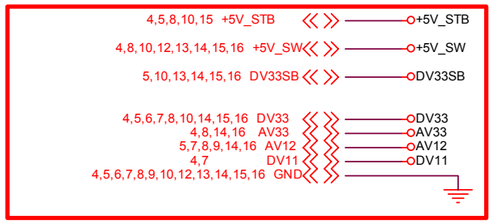


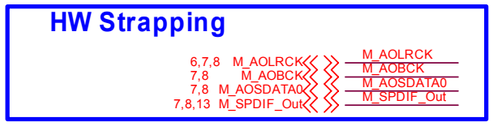
CLOSE TO CI CONNECTOR

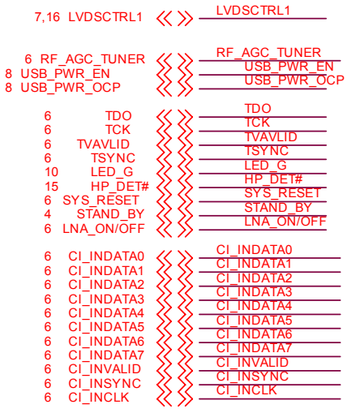




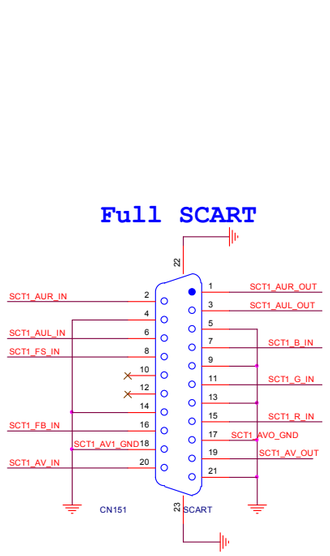


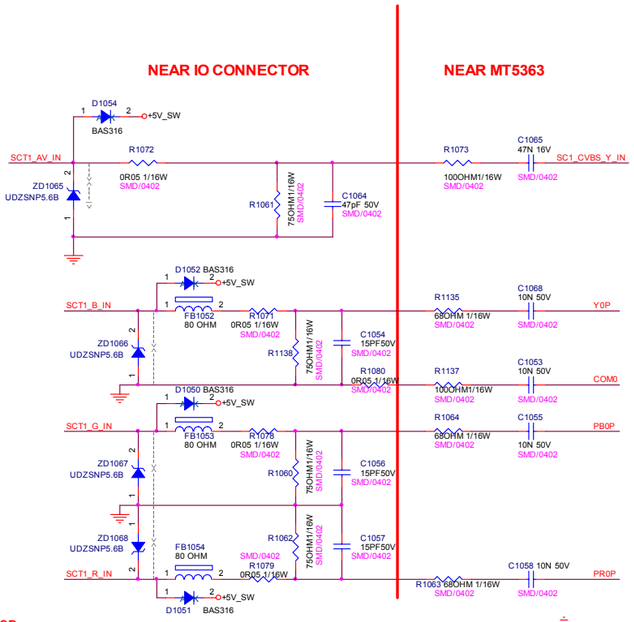


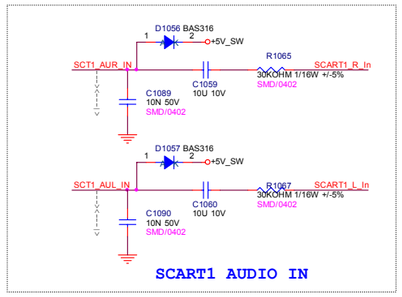


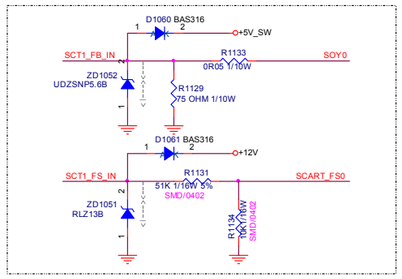


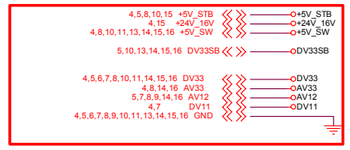
09. SCART/Monitor OUT

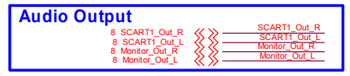


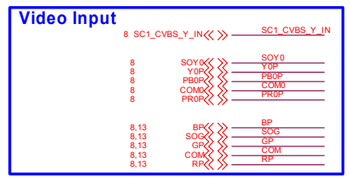


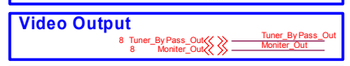


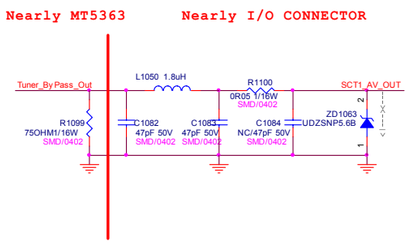


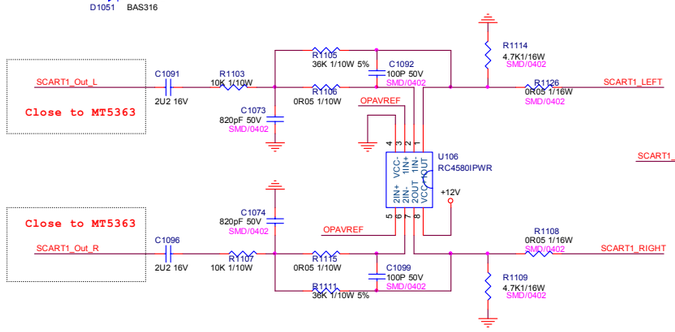


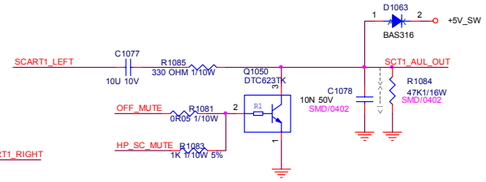


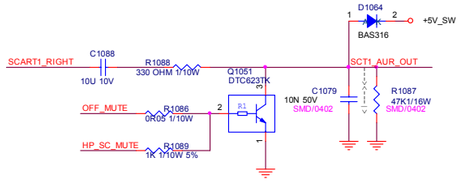




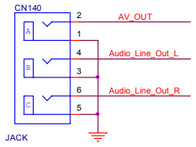


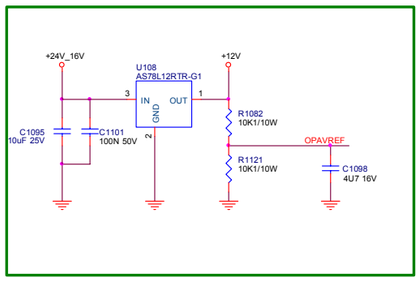


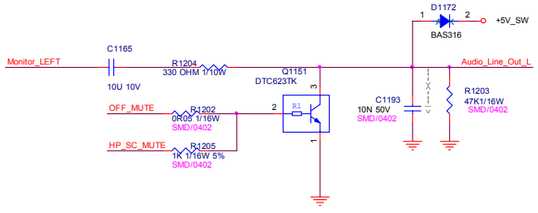


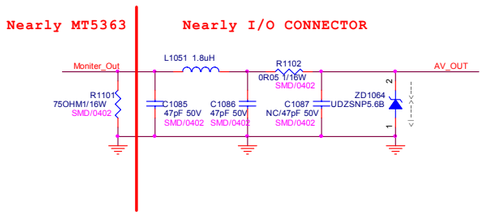


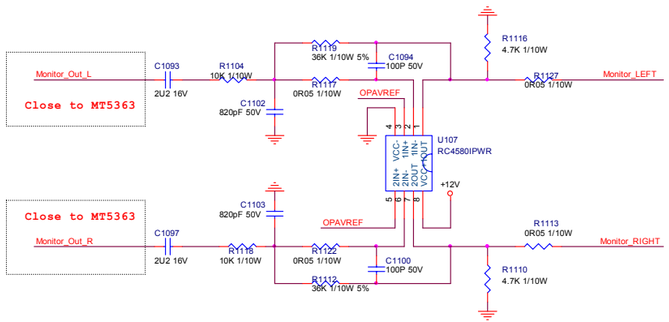
MONITOR OUT

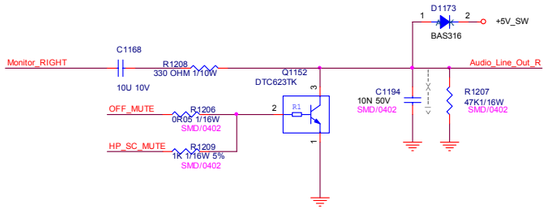




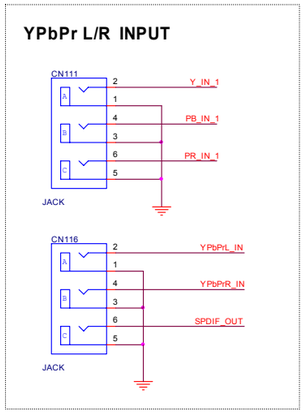


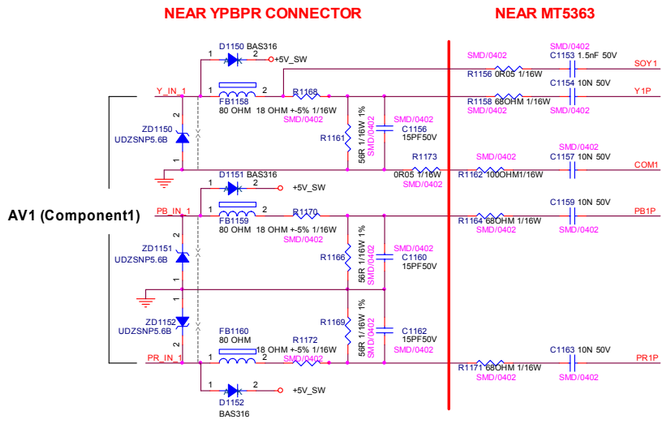


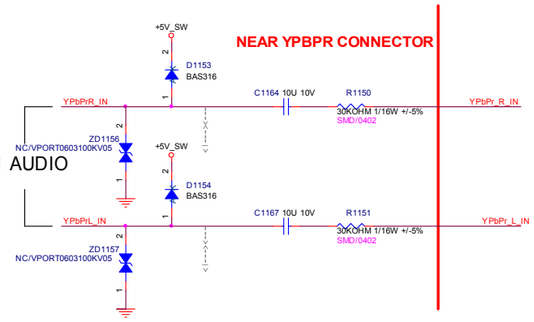


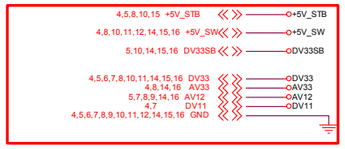


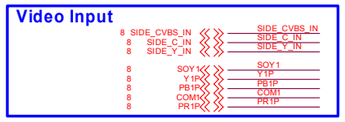
10. YPBPR/VGA IN/SPDIF OUT

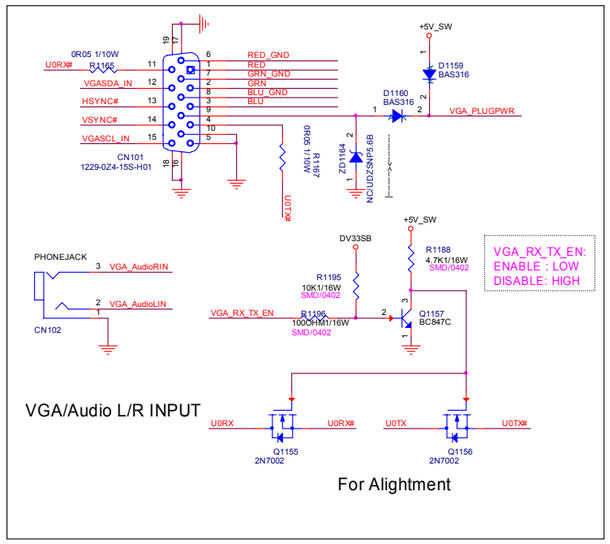


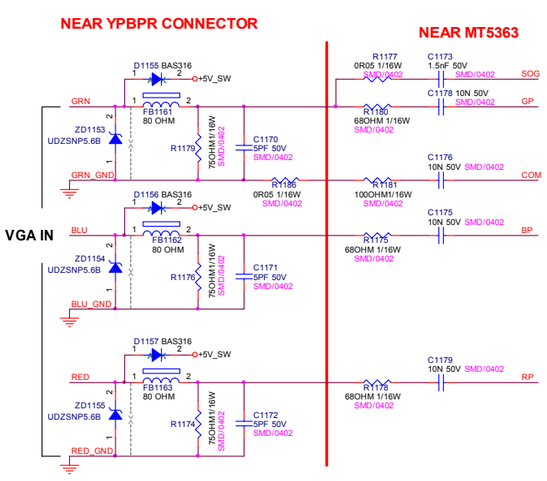


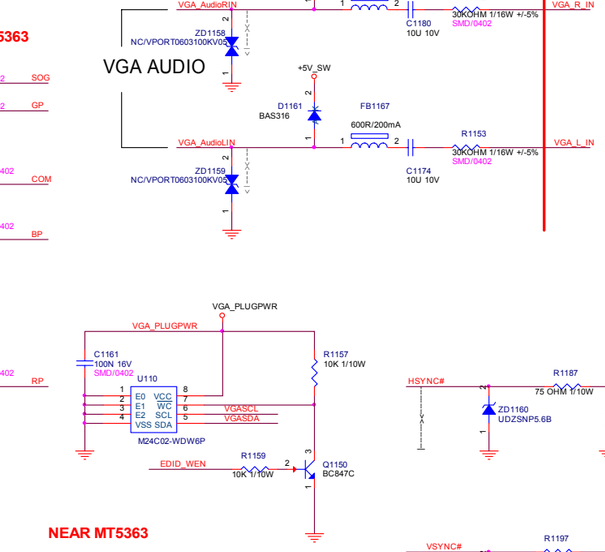


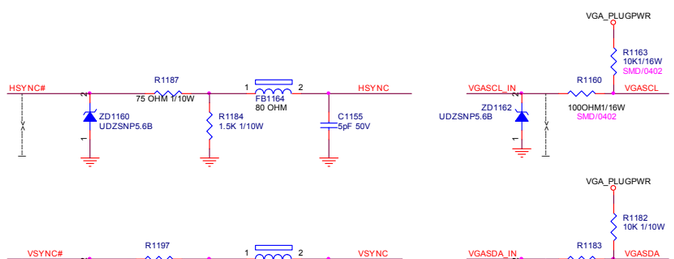


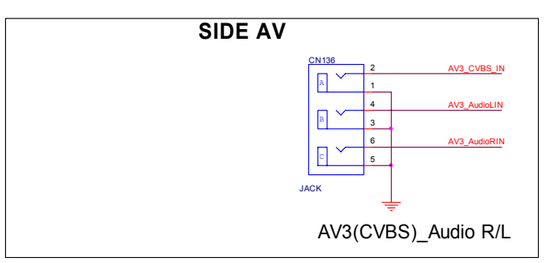


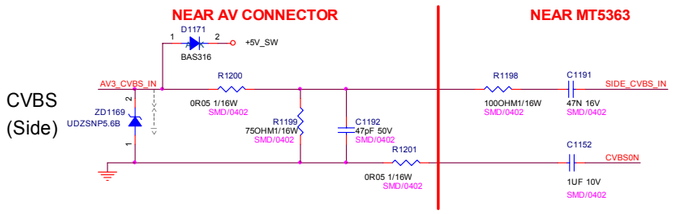


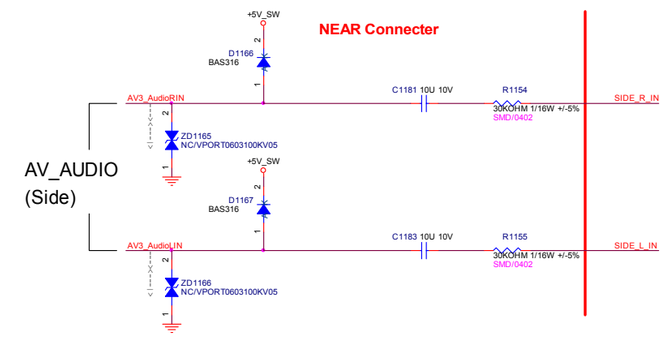


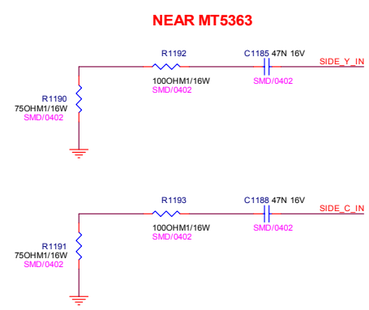


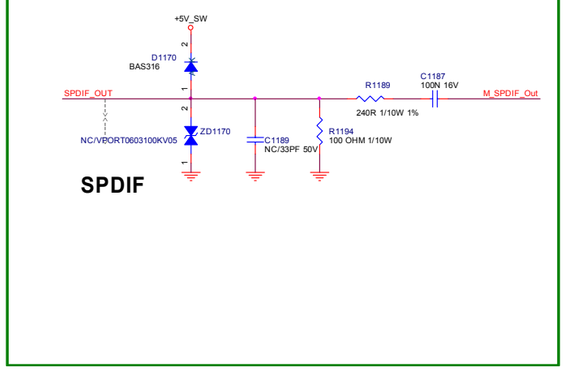




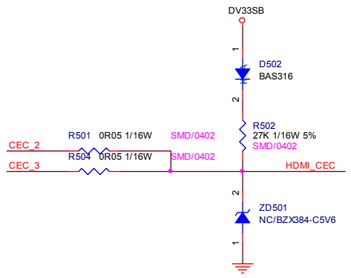


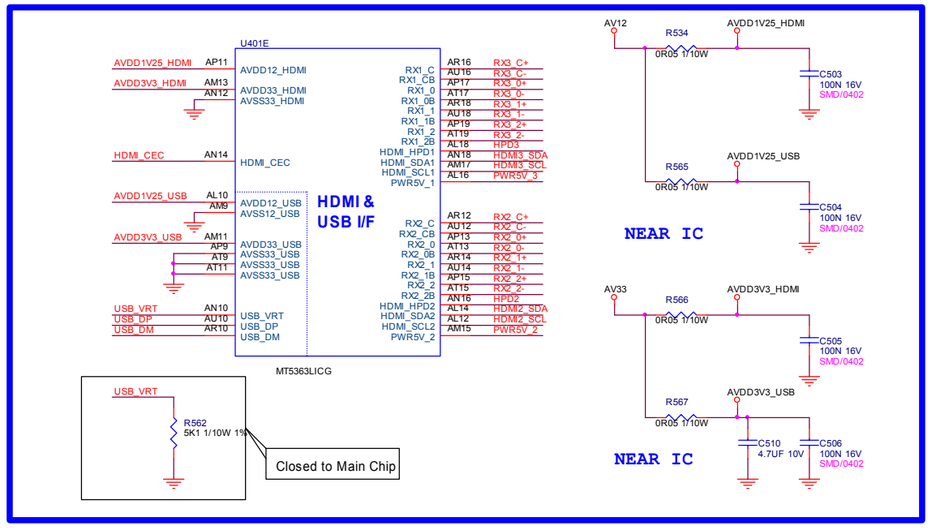




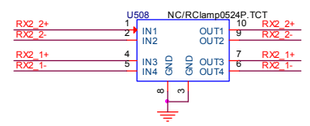


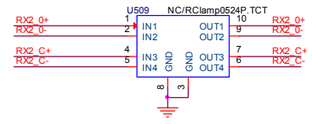
11. HDMI1/HDMI2 INPUT

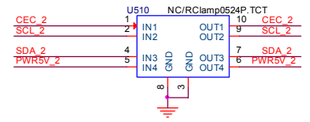


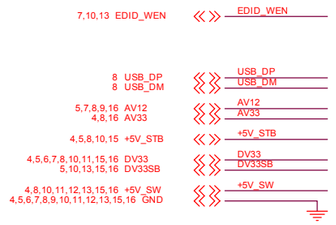


HDMI1 ESD PROTECTER

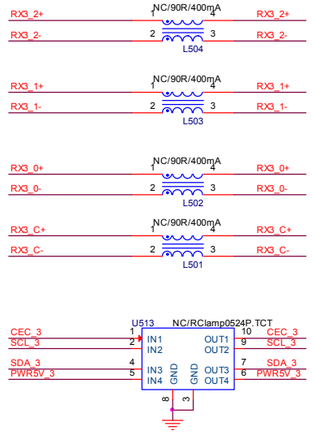


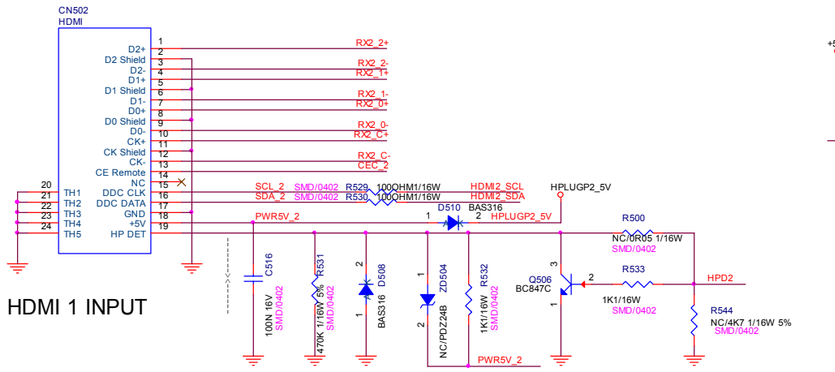


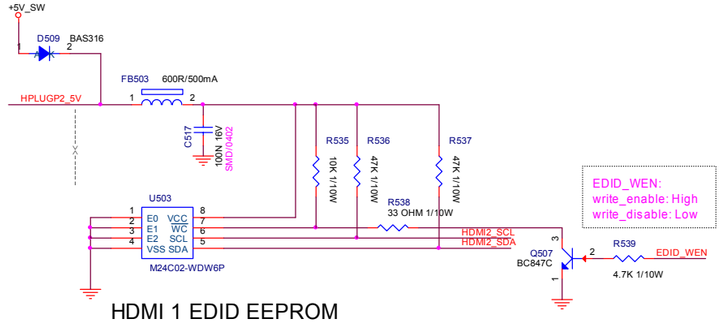


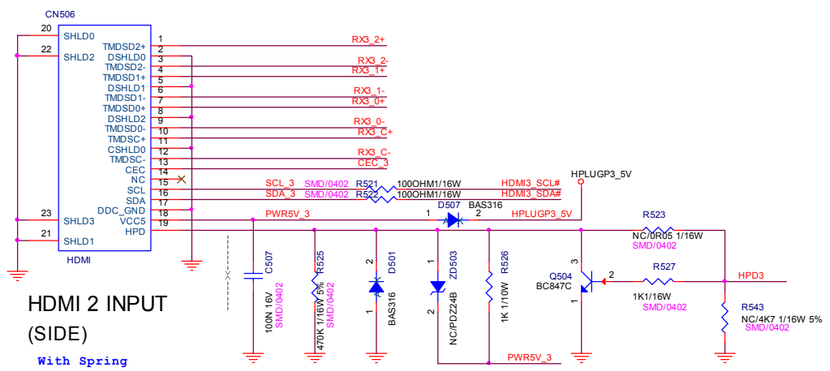


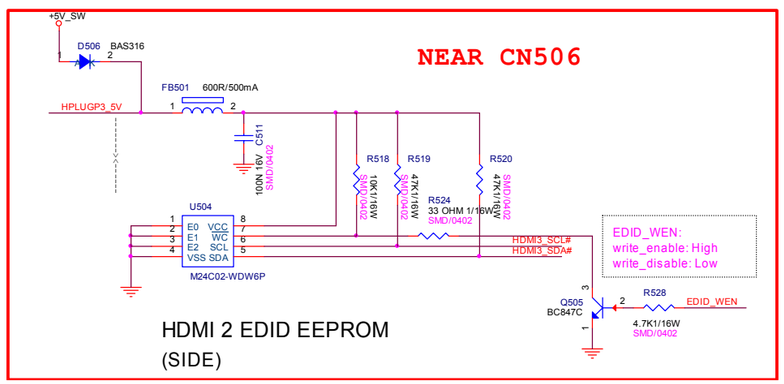
HDMI2 ESD PROTECTER (SIDE)

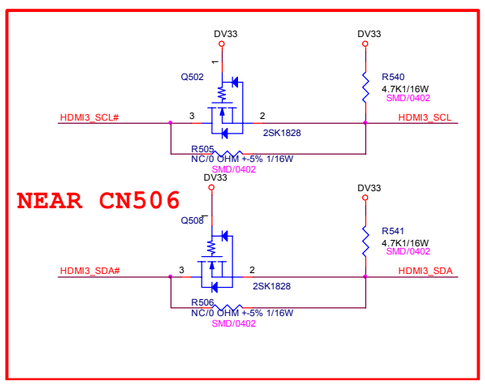




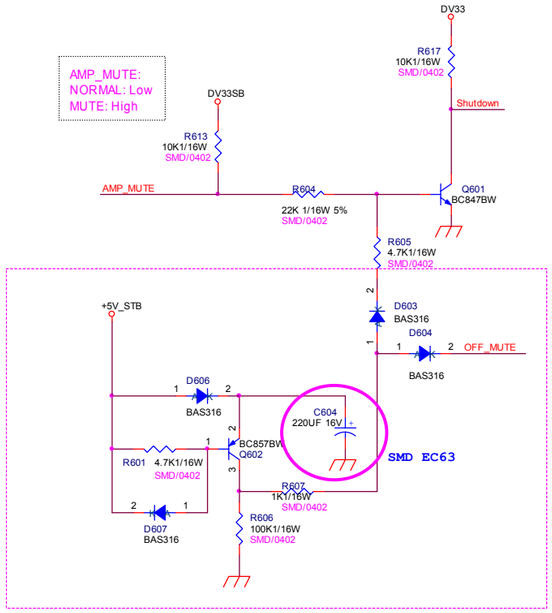




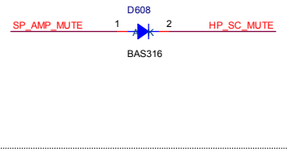




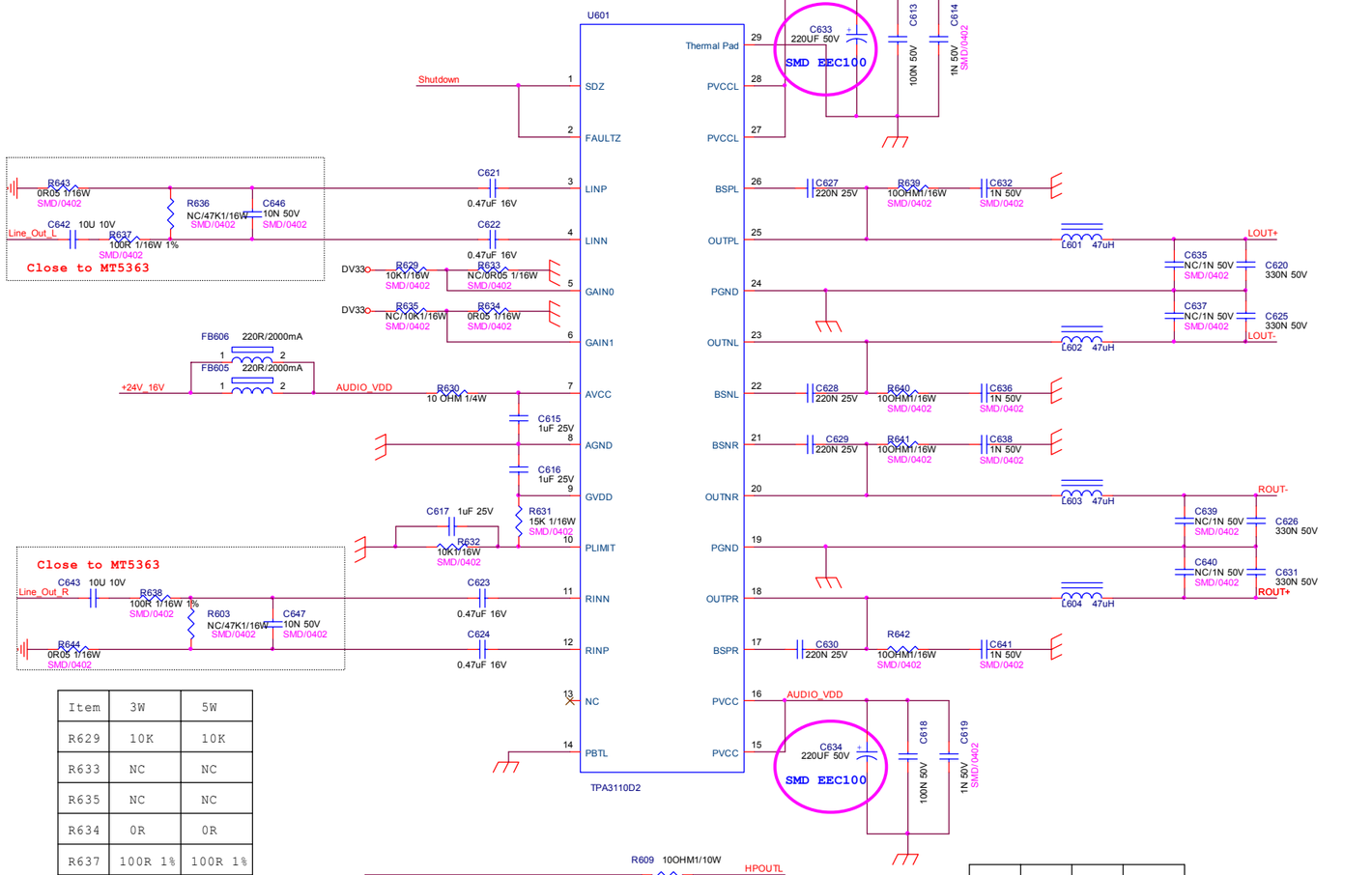
12. AUDIO AMP/HEADPHONE OUT



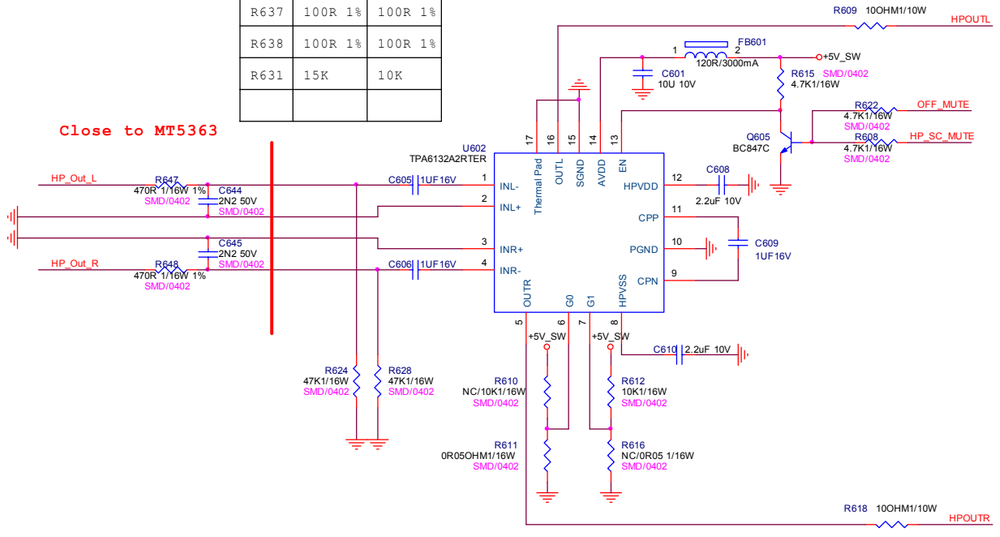
REMOVE AC
POP
SOUND CKT



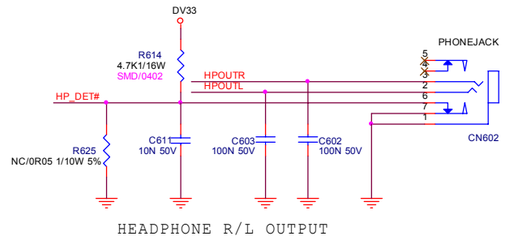
REMOVE POP SOUND CKT
When AC ON and DC OFF



Item	3W	5W
R629	10K	10K
R633	NC	NC
R635	NC	NC
R634	0R	0R
R637	100R 1%	100R 1%
R638	100R 1%	100R 1%
R631	15K	10K

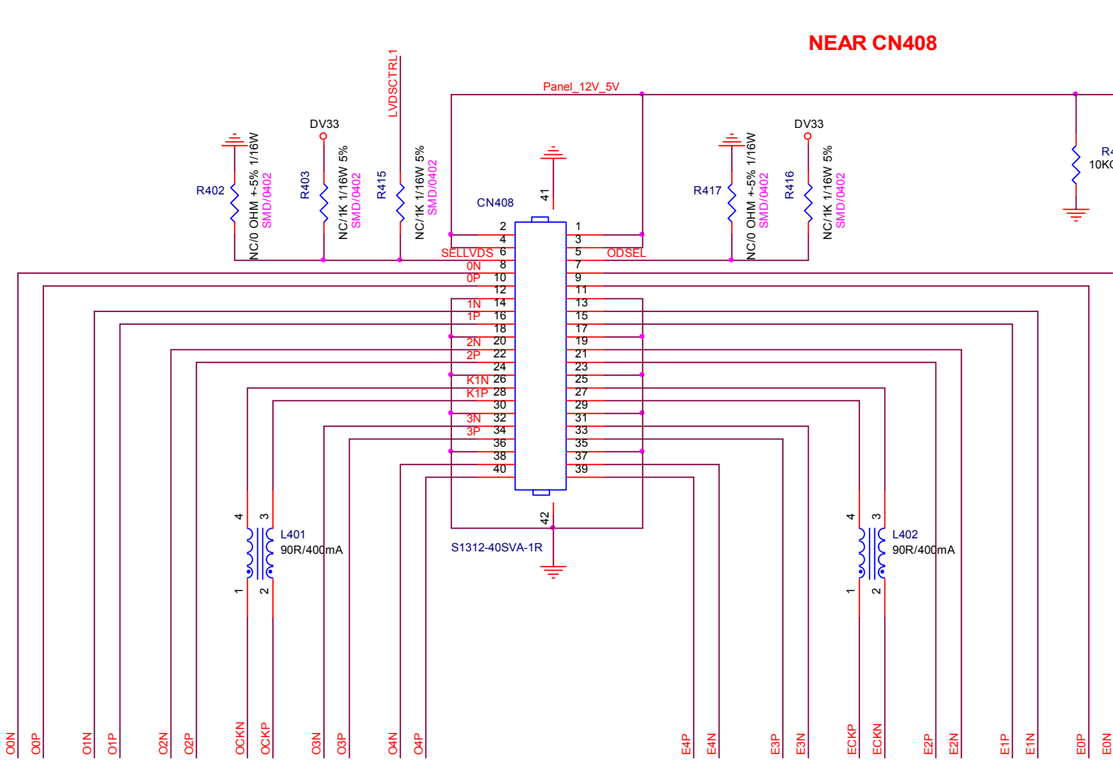


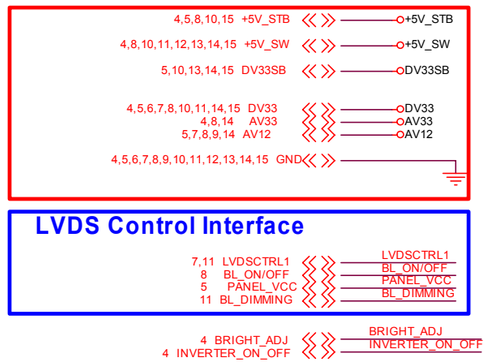
Load	L	C	
8R	33uH	1uF	
16R	47uH	330nF	



HEADPHONE R/L OUTPUT

13. LVDS OUTPUT



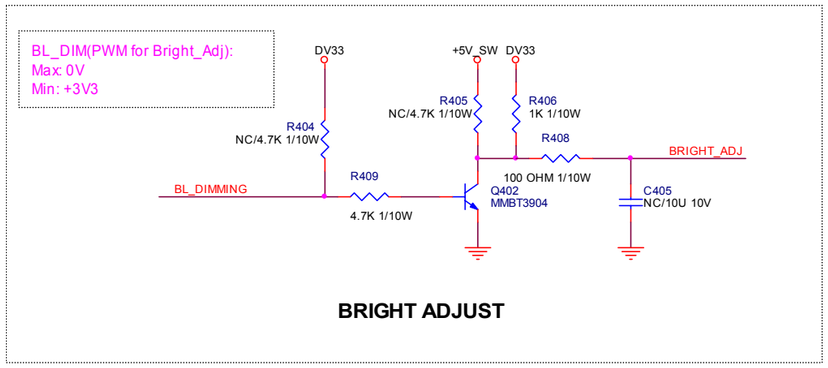


WXGA Panel USE

FPC Connecter

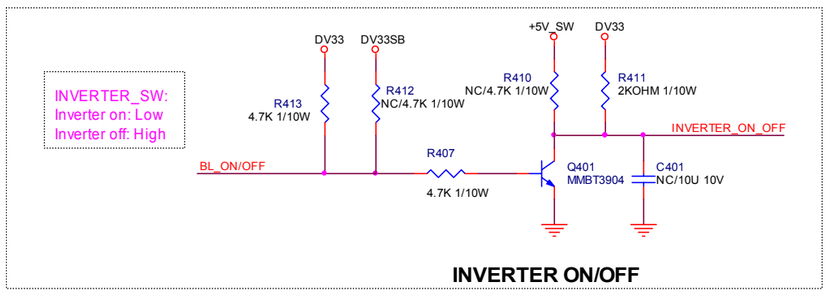
FOR WXGA PANEL

FOR FULL HD PANEL



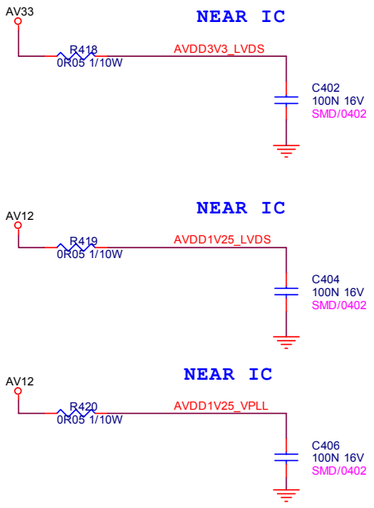
BRIGHT ADJUST

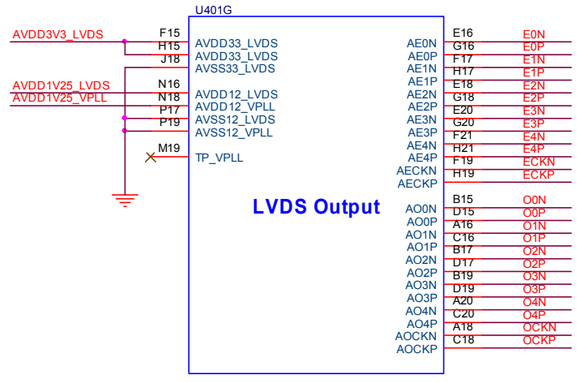
BL CONTROL	R408	R406	C405
PWM CONTROL	100R	1K	N/C
DC CONTROL	5K6	1K	10U



INVERTER ON/OFF

INVERTER ON/OFF	R410	R411
3V3	N/C	2K
5V	4K7	N/C



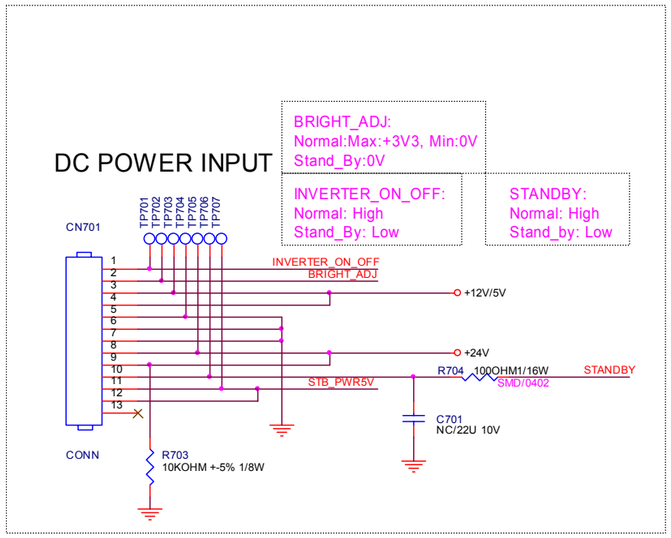


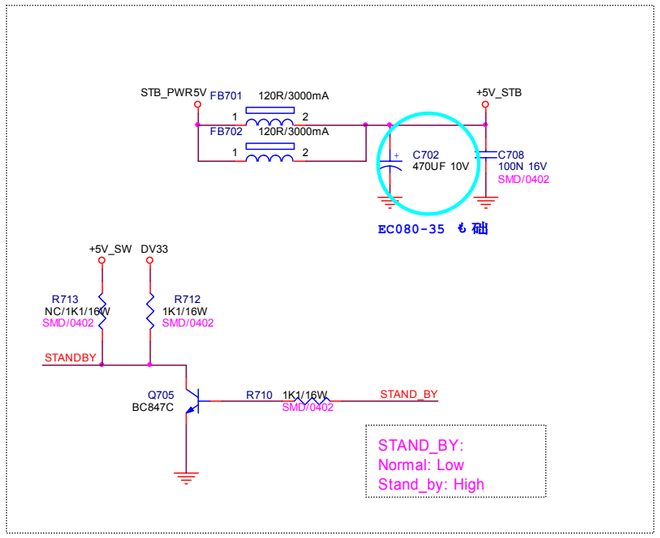
MT5363LICG

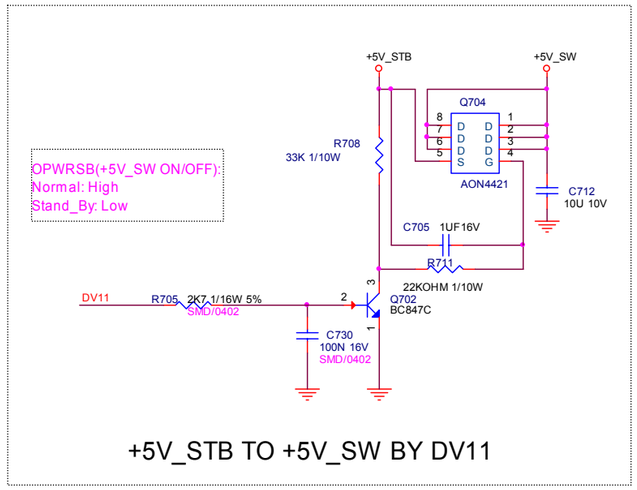
MAIN SCHEMATIC DIAGRAM (for 32", 37" and 42")

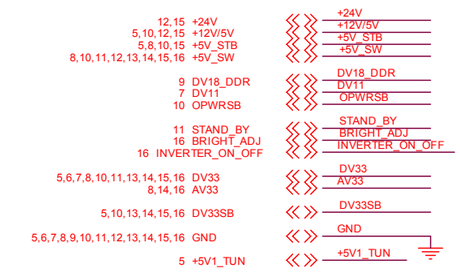
01. POWER-1

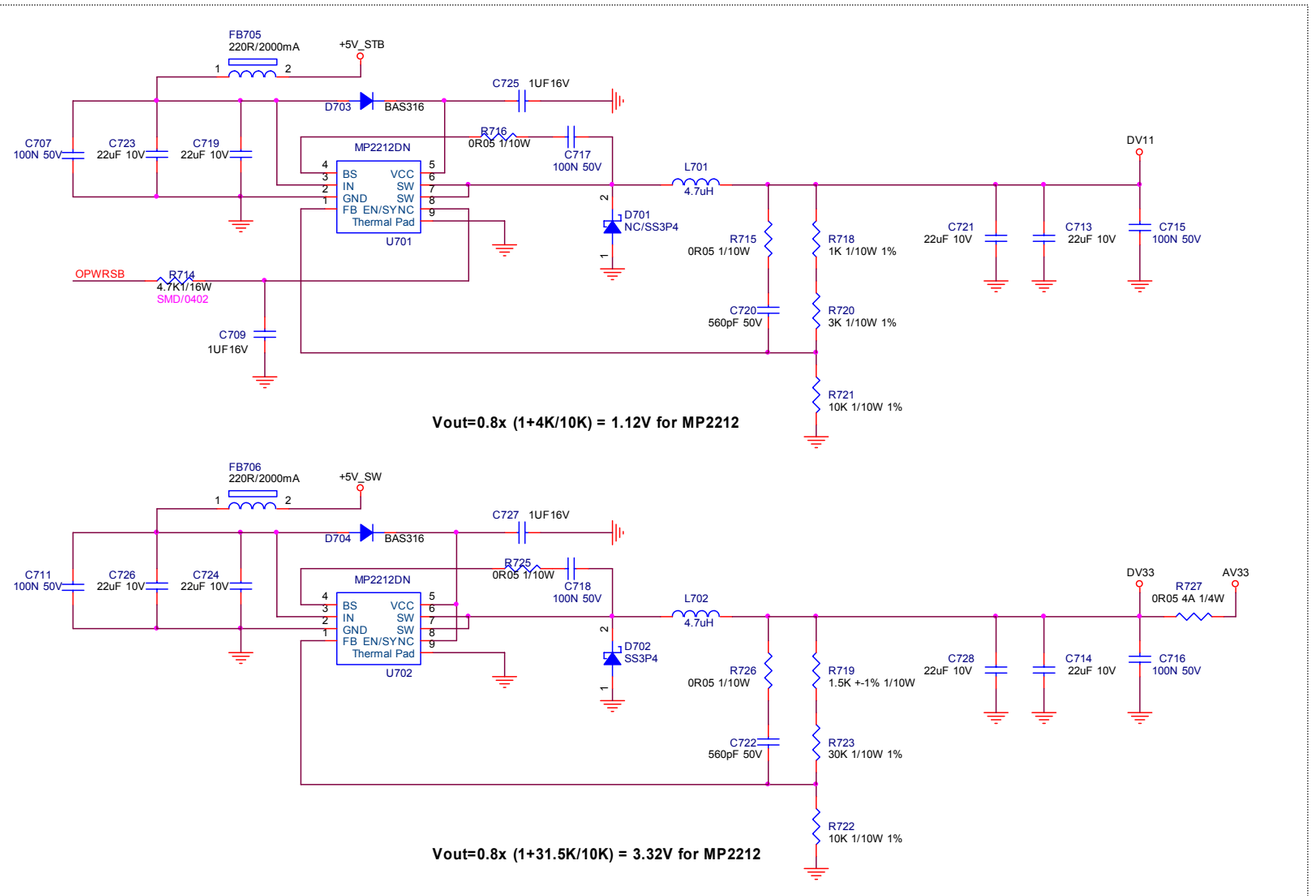
EU MT5363 - 4 LAYERS

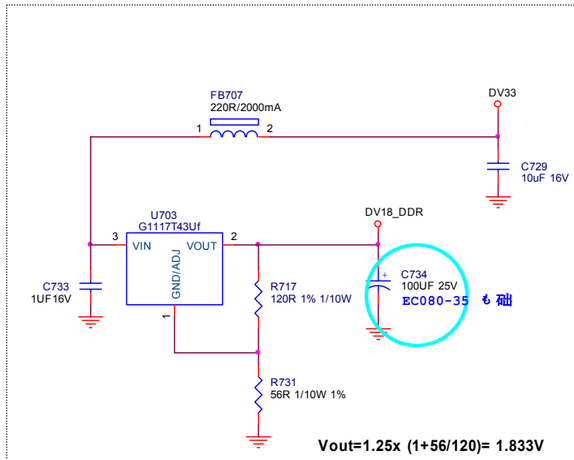


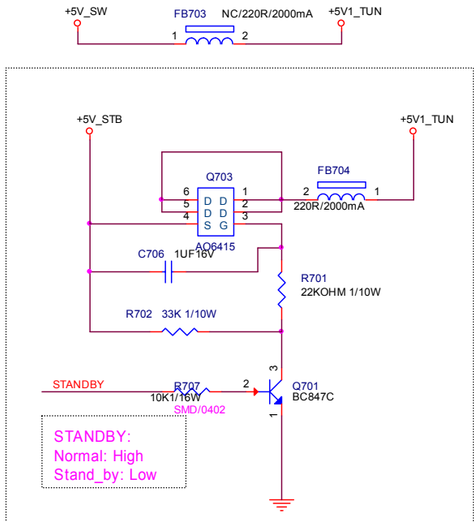




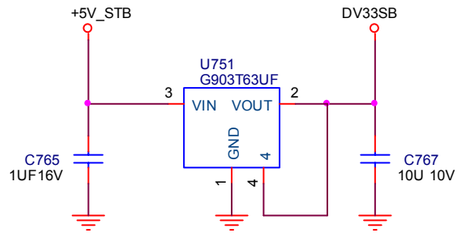




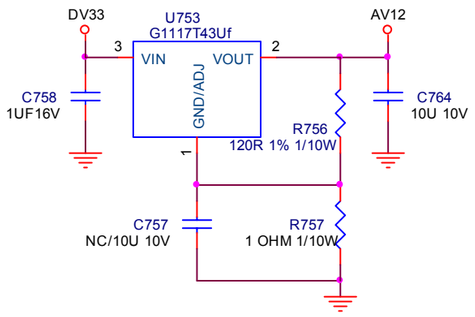




02. POWER-2

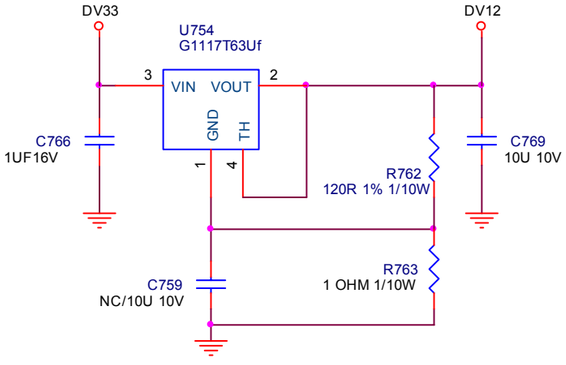


+5V_STB TO DV33SB



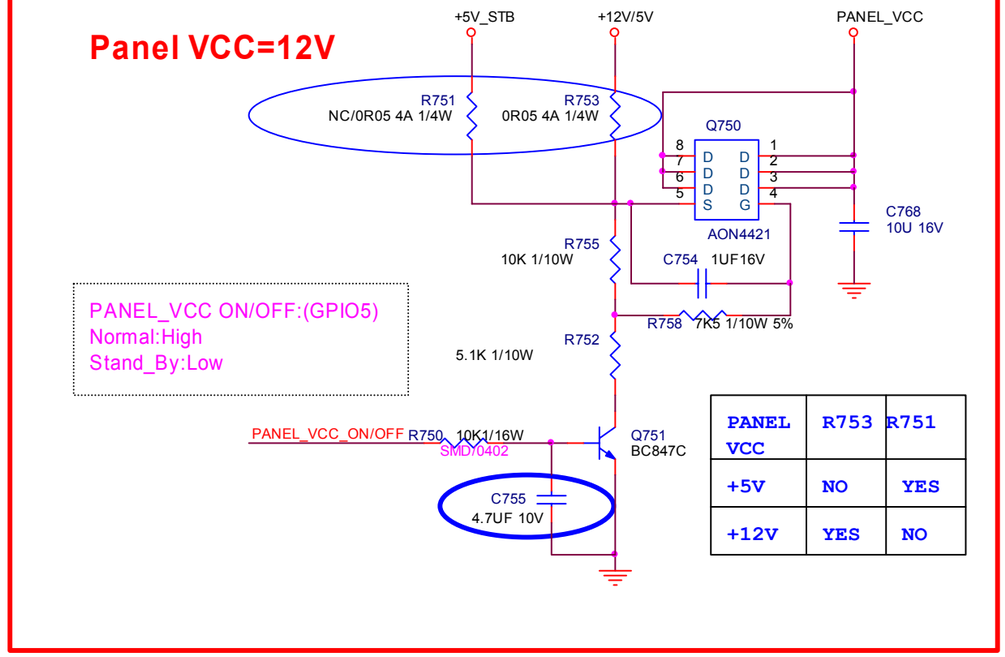
Vo=1.25 x (1+1R/120R) = 1.25V

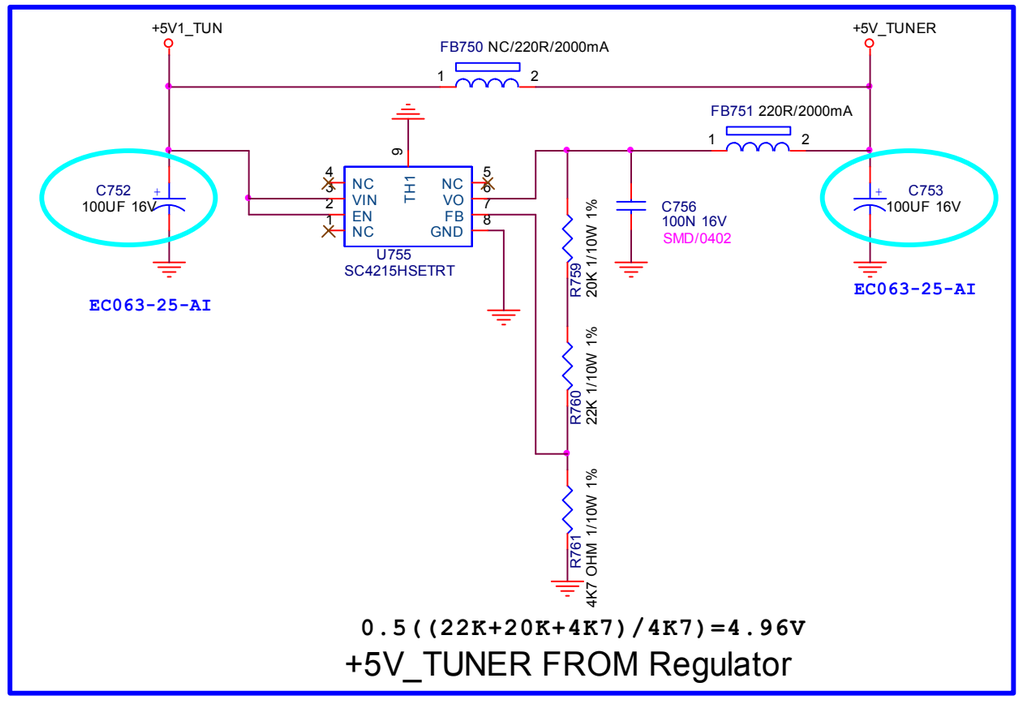
DV33 TO AV12



Vo=1.25 x (1+1R/120R) = 1.25V

DV33 TO DV12 for DVBC Demod





0.5((22K+20K+4K7)/4K7)=4.96V

+5V_TUNER FROM Regulator

4,10,12,15 +12V/5V
4,8,10,15 +5V_STB
+12V/5V
+5V_STB

4,8,10,11,12,13,14,15,16 +5V_SW
+5V_SW

4 +5V1_TUN
6 +5V_TUNER
+5V1_TUN
+5V_TUNER

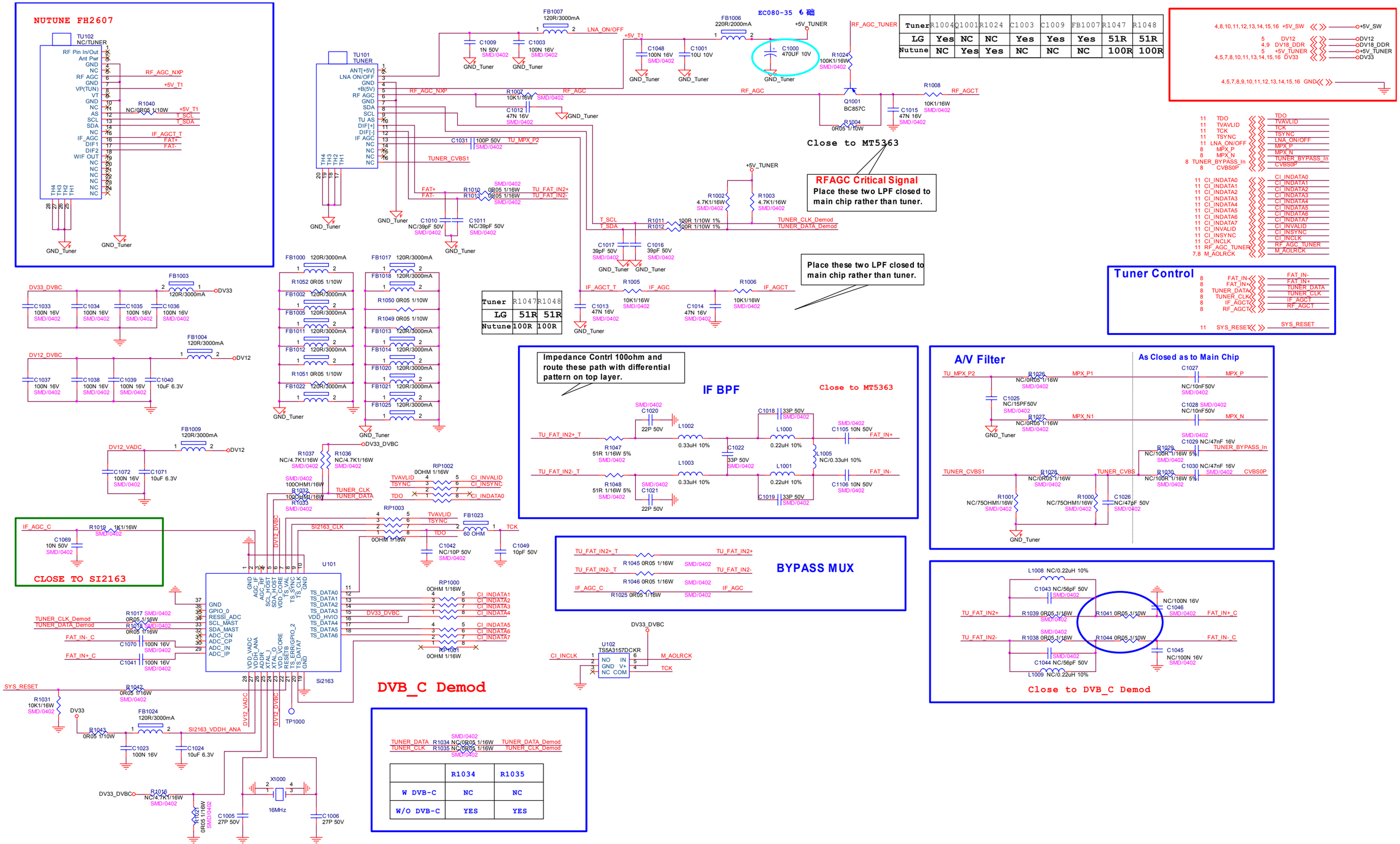
4,6,7,8,10,11,13,14,15,16 DV33
4,8,14,16 AV33
10,13,14,15,16 DV33SB
7,8,9,14,16 AV12
16 PANEL_VCC
DV33
AV33
DV33SB
AV12
PANEL_VCC

4,9 DV18_DDR
6 DV12
DV18_DDR
DV12

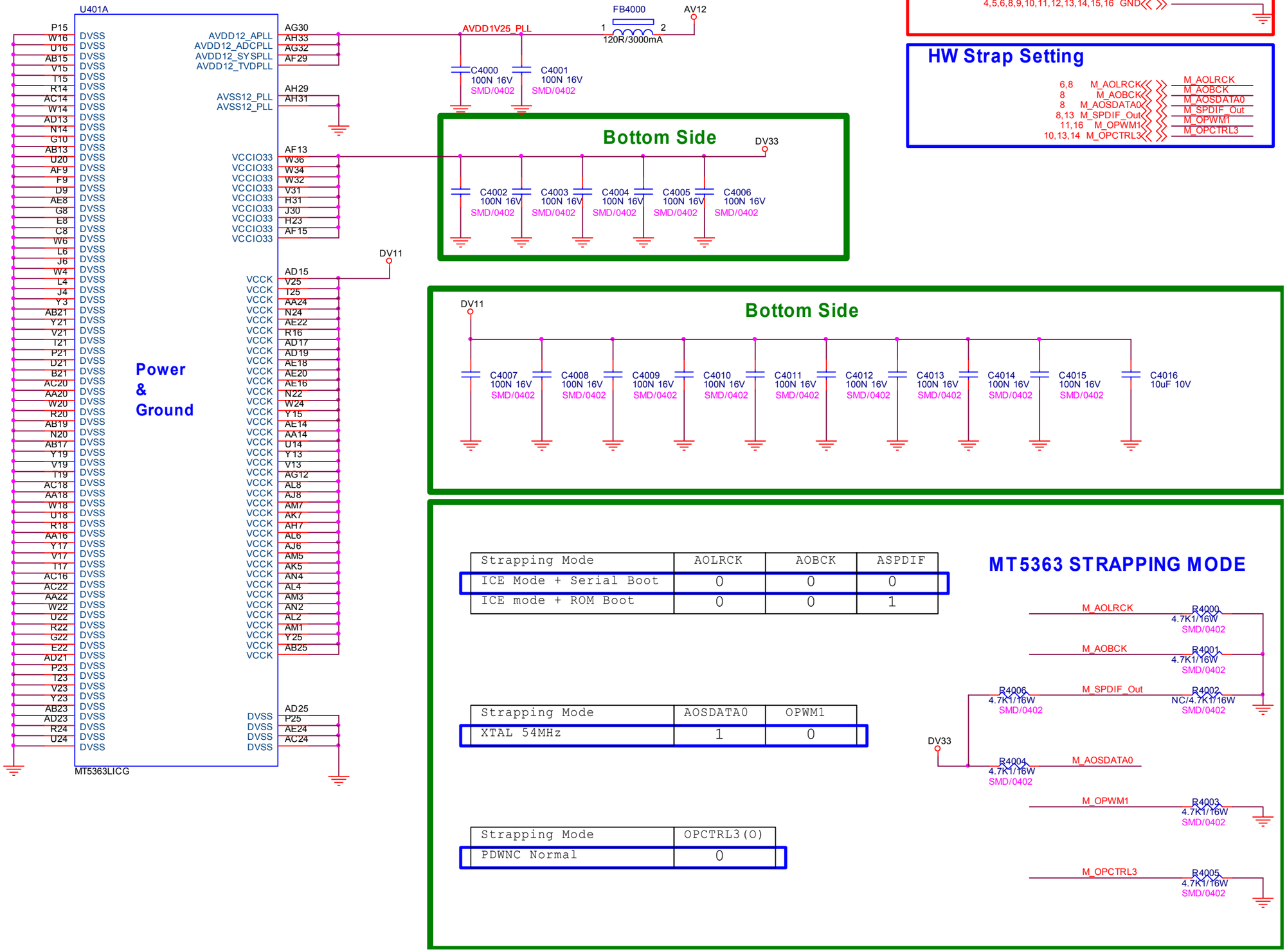
8 PANEL_VCC_ON/OFF
PANEL_VCC_ON/OFF

4,6,7,8,9,10,11,12,13,14,15,16 GND
GND

03. TUNER


NUTUNE FH2607
TU102 NC/TUNER
RF Pin In/Out
Ant Pwr
GND
NC
RF AGC
GND
VP(TUN)
VT
GND
NC
AS
SCL
SDA
NC
IF_AGC
DIF1
DIF2
WIF OUT
RF_AGC_NXP
+5V_T1
R1040 NC/0R05 1/10W
T_SCL
T_SDA
IF_AGCT_T
FAT+
FAT-
TH4 TH3 TH2 TH1
GND_Tuner
TU101 TUNER
ANT[+5V]
LNA ON/OFF
+B(5V)
TU AS
DIF[+]
DIF[-]
IF AGC
TUNER_CVBS1
FB1007 120R/3000mA
LNA_ON/OFF
C1009 1N 50V SMD/0402
C1003 100N 16V SMD/0402
FB1006 220R/2000mA
+5V_TUNER
C1048 100N 16V SMD/0402
C1001 10U 10V
C1000 470UF 10V
EC080-35 6 砷
RF_AGC_TUNER
R1024 100K1/16W SMD/0402
R1007 10K1/16W SMD/0402
RF_AGC
C1012 47N 16V SMD/0402
R1008 10K1/16W SMD/0402
RF_AGCT
Q1001 BC857C
R1004 0R05 1/10W
C1015 47N 16V SMD/0402
C1031 100P 50V TU_MPX_P2 SMD/0402
Close to MT5363
RFAGC Critical Signal
Place these two LPF closed to main chip rather than tuner.
R1010 0R05 1/16W TU_FAT_IN2+
R1012 0R05 1/16W TU_FAT_IN2-
C1010 NC/39pF 50V SMD/0402
C1011 NC/39pF 50V SMD/0402
R1002 4.7K1/16W SMD/0402
R1003 4.7K1/16W SMD/0402
R1011 100R 1/10W 1%
R1012 100R 1/10W 1%
TUNER_CLK_Demod
TUNER_DATA_Demod
C1017 39pF 50V SMD/0402
C1016 39pF 50V SMD/0402
IF_AGCT_T
R1005 10K1/16W SMD/0402
IF_AGC
R1006 10K1/16W SMD/0402
IF_AGCT
C1013 47N 16V SMD/0402
C1014 47N 16V SMD/0402
Place these two LPF closed to main chip rather than tuner.
Tuner R1047 R1048
LG 51R 51R
Nutune 100R 100R
4,8,10,11,12,13,14,15,16 +5V_SW
5 DV12
4,9 DV18_DDR
5 +5V_TUNER
4,5,7,8,10,11,13,14,15,16 DV33
4,5,7,8,9,10,11,12,13,14,15,16 GND
11 TDO
11 TVAVLID
11 TCK
11 TSYNC
11 LNA_ON/OFF
8 MPX_P
8 MPX_N
8 TUNER_BYPASS_In
8 CVBS0P
11 CI_INDATA0
11 CI_INDATA1
11 CI_INDATA2
11 CI_INDATA3
11 CI_INDATA4
11 CI_INDATA5
11 CI_INDATA6
11 CI_INDATA7
11 CI_INVALID
11 CI_INSYNC
11 CI_INCLK
11 RF_AGC_TUNER
7,8 M_AOLRCK
Tuner Control
8 FAT_IN-
8 FAT_IN+
8 TUNER_DATA
8 TUNER_CLK
8 IF_AGCT
8 RF_AGCT
11 SYS_RESET
DV33_DVBC
DV12_DVBC
DV12_VADC
FB1003 120R/3000mA
FB1004 120R/3000mA
FB1009 120R/3000mA
C1033 100N 16V SMD/0402
C1034 100N 16V SMD/0402
C1035 100N 16V SMD/0402
C1036 100N 16V SMD/0402
C1037 100N 16V SMD/0402
C1038 100N 16V SMD/0402
C1039 100N 16V SMD/0402
C1040 10uF 6.3V
C1072 100N 16V SMD/0402
C1071 10uF 6.3V
FB1000 120R/3000mA
FB1002 120R/3000mA
FB1005 120R/3000mA
FB1011 120R/3000mA
FB1012 120R/3000mA
FB1022 120R/3000mA
R1052 0R05 1/10W
R1051 0R05 1/10W
FB1017 120R/3000mA
FB1018 120R/3000mA
R1050 0R05 1/10W
R1049 0R05 1/10W
FB1013 120R/3000mA
FB1014 120R/3000mA
FB1020 120R/3000mA
FB1021 120R/3000mA
FB1025 120R/3000mA
R1037 NC/4.7K1/16W SMD/0402
R1036 NC/4.7K1/16W SMD/0402
100OHM1/16W SMD/0402
R1032 100OHM1/16W
R1033 SMD/0402
TUNER_CLK
TUNER_DATA
RP1002 0OHM 1/16W
TVAVLID
TSYNC
TDO
CI_INVALID
CI_INSYNC
CI_INDATA0
RP1003 0OHM 1/16W
FB1023 60 OHM
TCK
C1042 NC/10P 50V SMD/0402
C1049 10pF 50V
IF_AGC_C
R1019 1K1/16W SMD/0402
C1069 10N 50V SMD/0402
CLOSE TO SI2163
U101
SI2163_CLK
RP1000 0OHM 1/16W
RP1001 0OHM 1/16W
TS_DATA0
TS_DATA1
TS_DATA2
TS_DATA3
TS_DATA4
TS_DATA5
TS_DATA6
CI_INDATA1
CI_INDATA2
CI_INDATA3
CI_INDATA4
CI_INDATA5
CI_INDATA6
CI_INDATA7
DV33_DVBC
Si2163
R1017 SMD/0402 0R05 1/16W
R1018 SMD/0402 0R05 1/16W
C1070 100N 16V SMD/0402
C1041 100N 16V SMD/0402
FAT_IN-_C
FAT_IN+_C
SYS_RESET
R1042 0R05 1/16W SMD/0402
R1031 10K1/16W SMD/0402
R1043 0R05 1/10W
FB1024 120R/3000mA
SI2163_VDDH_ANA
C1023 100N 16V
C1024 10uF 6.3V
TP1000
X1000 16MHz
R1016 NC/4.7K1/16W SMD/0402
R1027 0R05 1/16W SMD/0402
C1005 27P 50V
C1006 27P 50V
DVB_C Demod
Impedance Contrl 100ohm and route these path with differential pattern on top layer.
IF BPF
Close to MT5363
C1020 22P 50V
L1002 0.33uH 10%
C1018 33P 50V SMD/0402
L1000 0.22uH 10%
C1105 10N 50V SMD/0402
FAT_IN+
TU_FAT_IN2+_T
R1047 51R 1/16W 5% SMD/0402
C1022 33P 50V SMD/0402
L1005 NC/0.33uH 10%
L1003 0.33uH 10%
L1001 0.22uH 10%
C1106 10N 50V SMD/0402
FAT_IN-
TU_FAT_IN2-_T
R1048 51R 1/16W 5% SMD/0402
C1021 22P 50V
C1019 33P 50V SMD/0402
BYPASS MUX
R1045 0R05 1/16W SMD/0402
R1046 0R05 1/16W SMD/0402
R1025 0R05 1/16W SMD/0402
U102 TS5A3157DCKR
CI_INCLK
M_AOLRCK
TCK
R1035 NC/0R05 1/16W SMD/0402
TUNER_DATA_Demod
TUNER_CLK_Demod
W DVB-C NC NC
W/O DVB-C YES YES
A/V Filter
As Closed as to Main Chip
TU_MPX_P2
R1026 NC/0R05 1/16W SMD/0402
MPX_P1
C1027 NC/10nF50V SMD/0402
MPX_P
C1025 NC/15PF50V SMD/0402
R1027 NC/0R05 1/16W SMD/0402
MPX_N1
C1028 SMD/0402 NC/10nF50V
MPX_N
C1029 NC/47nF 16V
TUNER_BYPASS_In
R1029 NC/100R 1/16W 5% SMD/0402
C1030 NC/47nF 16V
TUNER_CVBS1
R1028 NC/0R05 1/16W SMD/0402
TUNER_CVBS
R1030 NC/100R 1/16W 5% SMD/0402
CVBS0P
R1001 NC/75OHM1/16W SMD/0402
R1000 NC/75OHM1/16W SMD/0402
C1026 NC/47pF 50V SMD/0402
L1008 NC/0.22uH 10%
C1043 NC/56pF 50V SMD/0402
NC/100N 16V
C1046 SMD/0402
TU_FAT_IN2+
R1039 0R05 1/16W SMD/0402
R1041 0R05 1/10W
FAT_IN+_C
TU_FAT_IN2-
R1038 0R05 1/16W SMD/0402
R1044 0R05 1/10W
FAT_IN-_C
C1045 NC/100N 16V SMD/0402
C1044 NC/56pF 50V
L1009 NC/0.22uH 10%
Close to DVB_C Demod

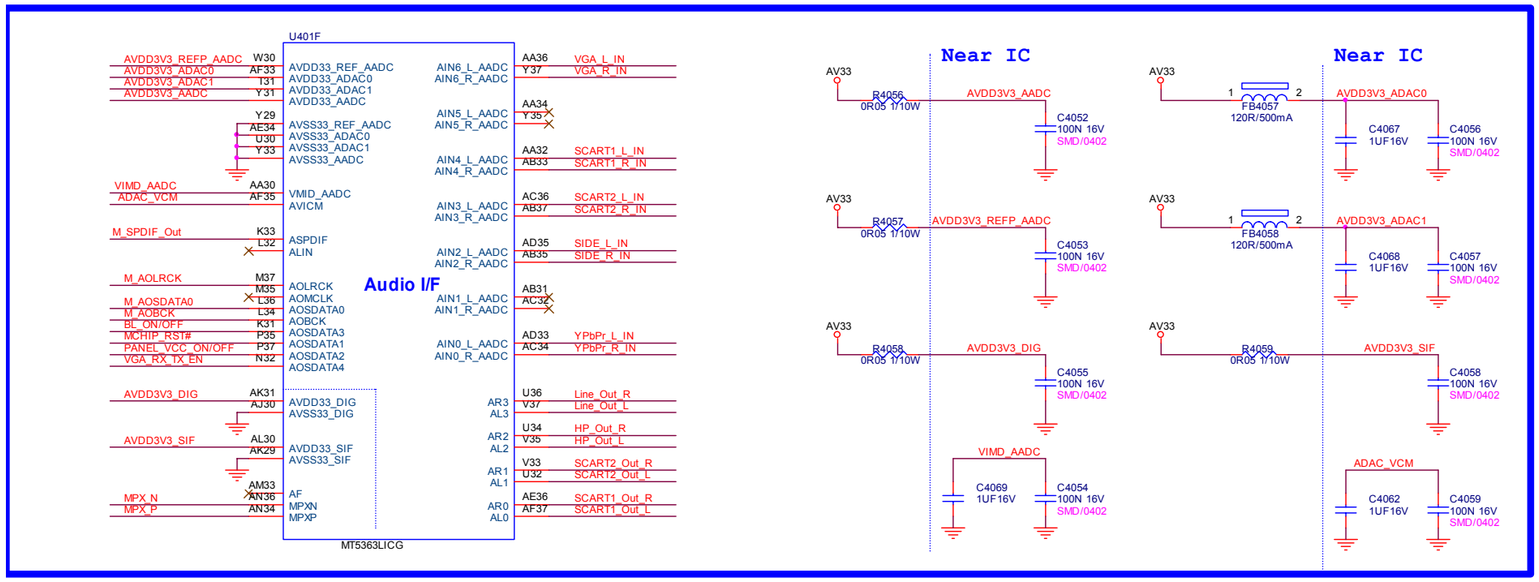
04. MT5363 BYPASS/TRAP.

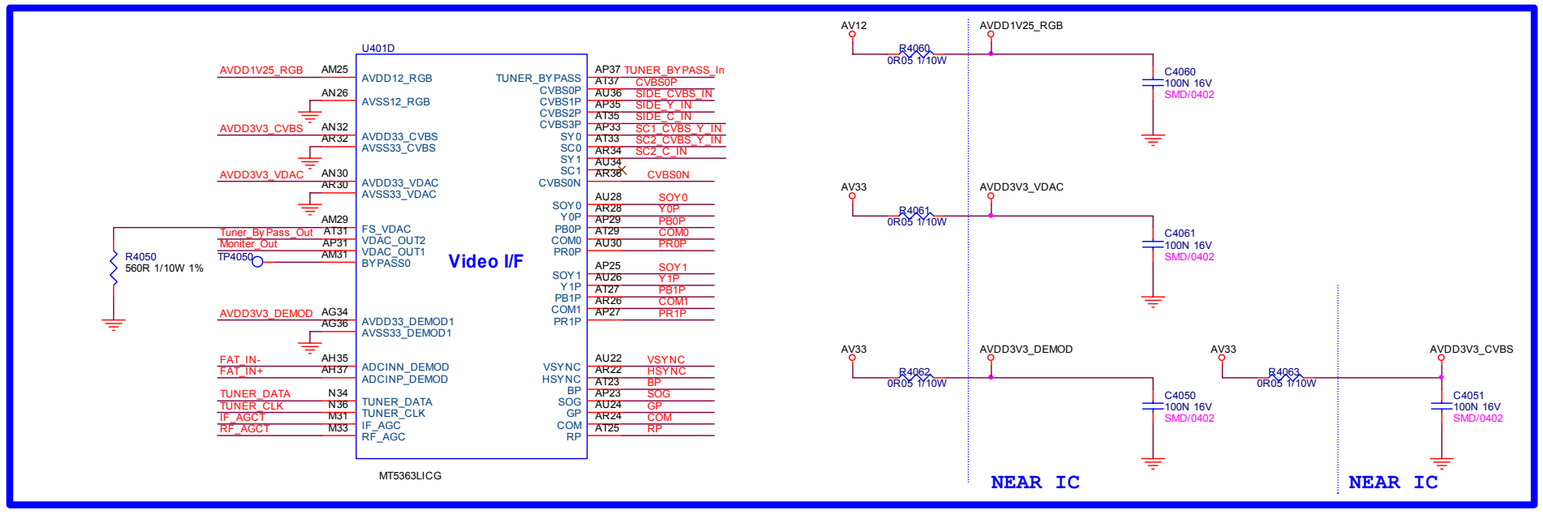


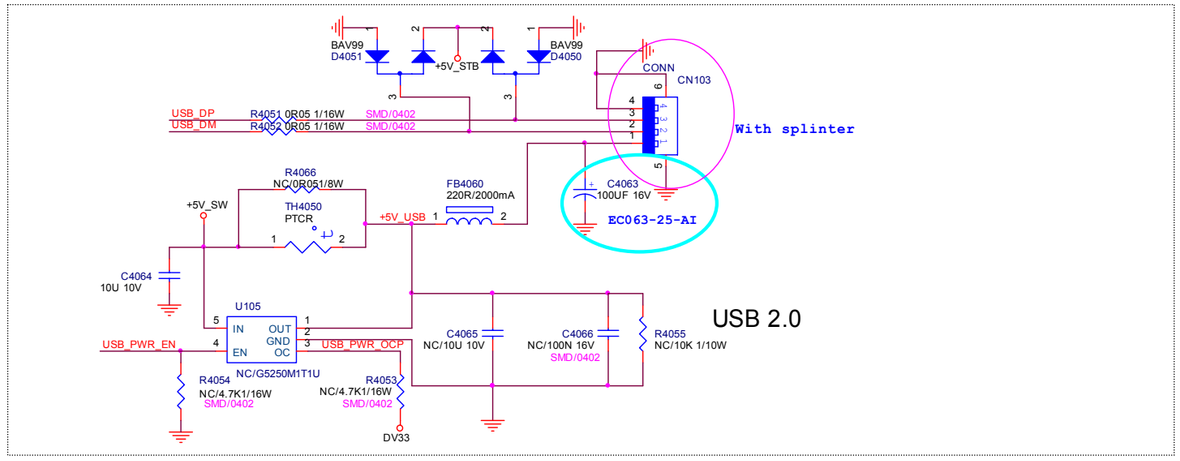
Strapping Mode	AOLRCK	AOBCK	ASPDIF
ICE Mode + Serial Boot	0	0	0
ICE mode + ROM Boot	0	0	1

Strapping Mode	AOSDATA0	OPWM1
XTAL 54MHz	1	0

Strapping Mode	OPCTRL3(O)
PDWNC Normal	0







4,5,10,15 +5V_STB → +5V_STB
4,10,11,12,13,14,15,16 +5V_SW → +5V_SW
5,10,13,14,15,16 DV33SB → DV33SB
4,5,6,7,10,11,13,14,15,16 DV33 → DV33
4,14,16 AV33 → AV33
5,7,9,14,16 AV12 → AV12
4,7 DV11 → DV11
4,5,6,7,9,10,11,12,13,14,15,16 GND

Audio Input

13 VGA_L_IN → VGA_L_IN
13 VGA_R_IN → VGA_R_IN
12 SCART2_L_IN → SCART2_L_IN
12 SCART2_R_IN → SCART2_R_IN
12 SCART1_L_IN → SCART1_L_IN
12 SCART1_R_IN → SCART1_R_IN
13 SIDE_L_IN → SIDE_L_IN
13 SIDE_R_IN → SIDE_R_IN
13 YPbPr_L_IN → YPbPr_L_IN
13 YPbPr_R_IN → YPbPr_R_IN
6 MPX_N → MPX_N
6 MPX_P → MPX_P

Audio Output

15 Line_Out_R → Line_Out_R
15 Line_Out_L → Line_Out_L
12 SCART2_Out_R → SCART2_Out_R
12 SCART2_Out_L → SCART2_Out_L
15 HP_Out_R → HP_Out_R
15 HP_Out_L → HP_Out_L
12 SCART1_Out_L → SCART1_Out_L
12 SCART1_Out_R → SCART1_Out_R

Video Input

6 TUNER_BYPASS_In → TUNER_BYPASS_In
6 CVBS0P → CVBS0P
13 SIDE_CVBS_IN → SIDE_CVBS_IN
12 SC1_CVBS_Y_IN → SC1_CVBS_Y_IN
13 SIDE_C_IN → SIDE_C_IN
13 SIDE_Y_IN → SIDE_Y_IN
12 SC2_CVBS_Y_IN → SC2_CVBS_Y_IN
12 SC2_C_IN → SC2_C_IN
13 CVBS0N → CVBS0N
13 SOY0 → SOY0
12 Y0P → Y0P
12 PB0P → PB0P
12 COM0 → COM0
12 PR0P → PR0P
13 SOY1 → SOY1
13 Y1P → Y1P
13 PB1P → PB1P
13 COM1 → COM1
13 PR1P → PR1P
13 VSYNC → VSYNC
13 HSYNC → HSYNC
13 BP → BP
13 SOG → SOG
13 GP → GP
13 COM → COM
13 RP → RP

Video Output

12 Tuner_By Pass_Out → Tuner_By Pass_Out
12 Moniter_Out → Moniter_Out

Tuner I/O Interface

6 FAT_IN- → FAT_IN-
6 FAT_IN+ → FAT_IN+
6 TUNER_DATA → TUNER_DATA
6 TUNER_CLK → TUNER_CLK
6 IF_AGCT → IF_AGCT
6 RF_AGCT → RF_AGCT

LVDS Control Interface

16 BL_ON/OFF → BL_ON/OFF
5 PANEL_VCC_ON/OFF → PANEL_VCC_ON/OFF
7,11,16 LVDSCTRL1 → LVDSCTRL1

MEMC RESET Control

10 MCHIP_RST# → MCHIP_RST#

SPDIF

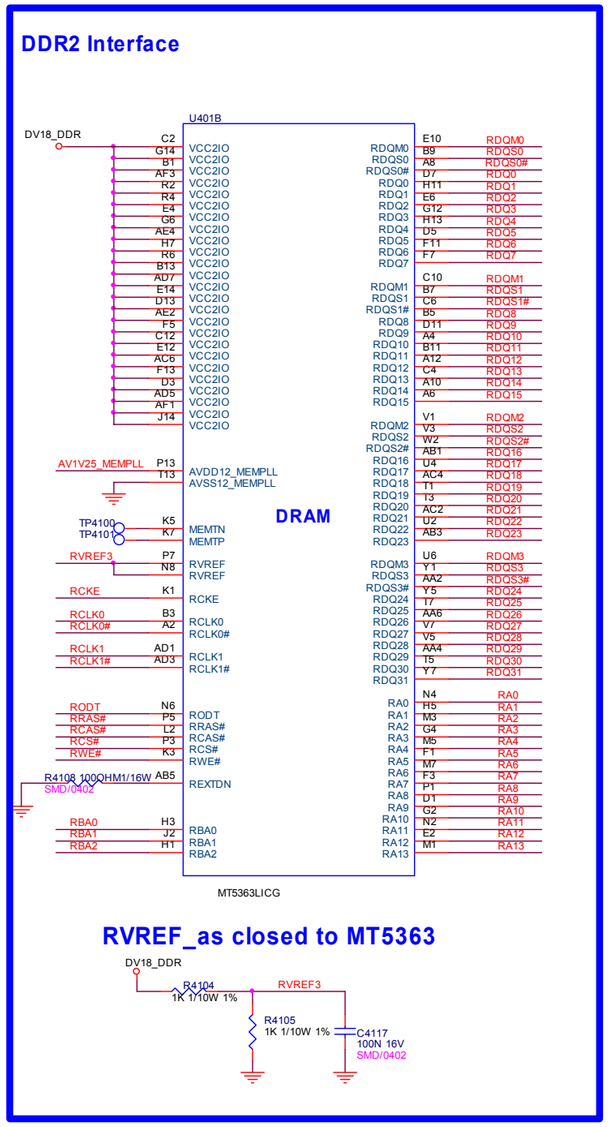
7,13 M_SPDIF_Out → M_SPDIF_Out

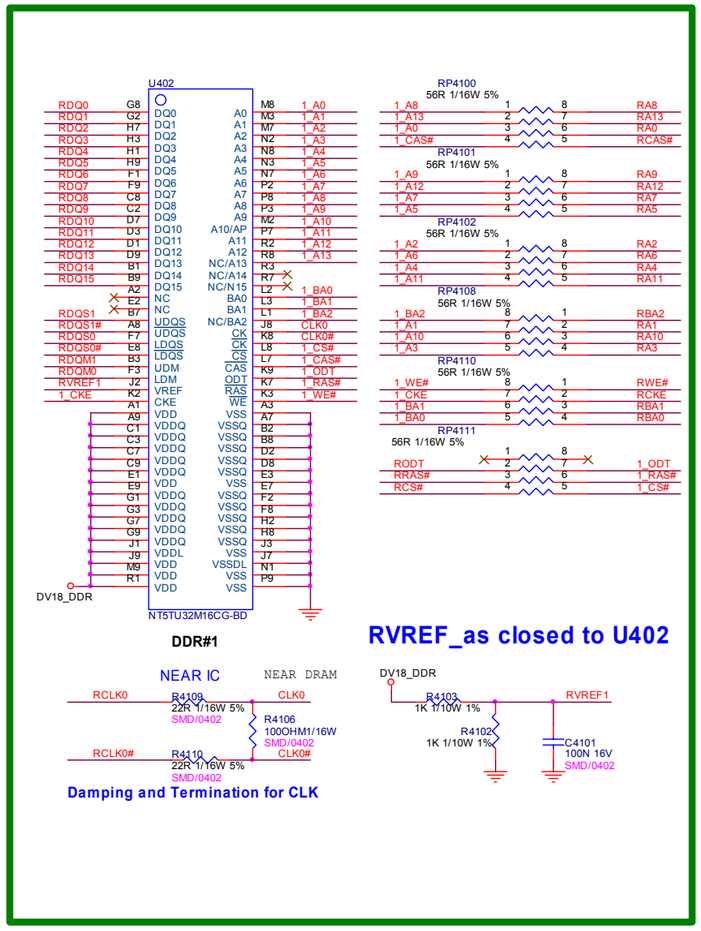
HW Strap Setting

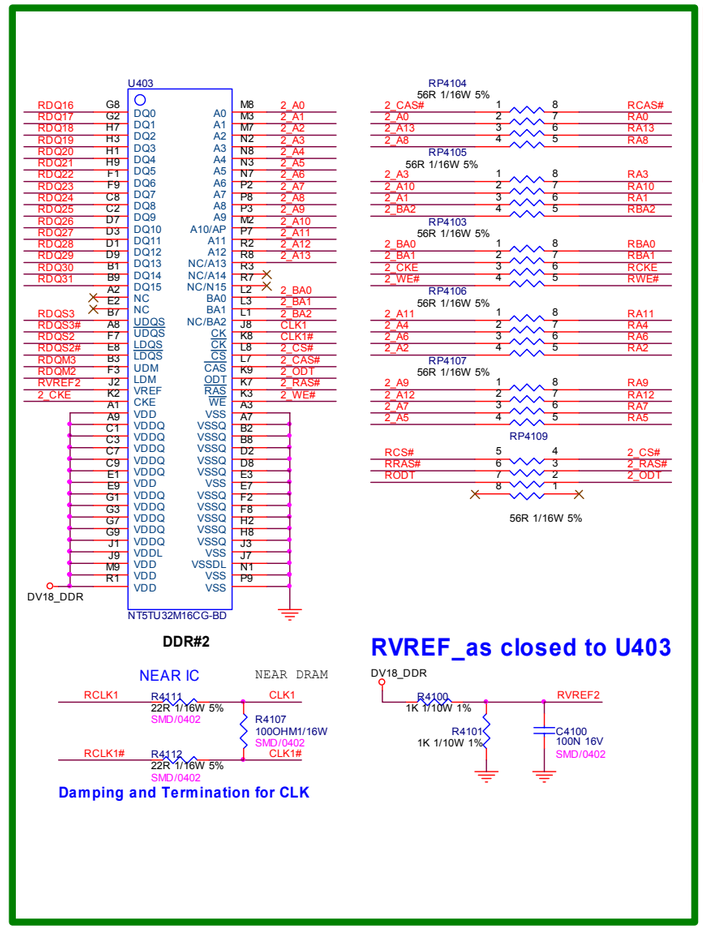
6,7 M_AOLRCK → M_AOLRCK
7 M_AOBCK → M_AOBCK
7 M_AOSDATA0 → M_AOSDATA0
7,13 M_SPDIF_Out → M_SPDIF_Out

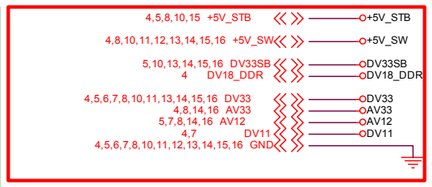
11 USB_PWR_EN → USB_PWR_EN
11 USB_PWR_OCP → USB_PWR_OCP
14 USB_DP → USB_DP
14 USB_DM → USB_DM
13 VGA_RX_TX_EN → VGA_RX_TX_EN

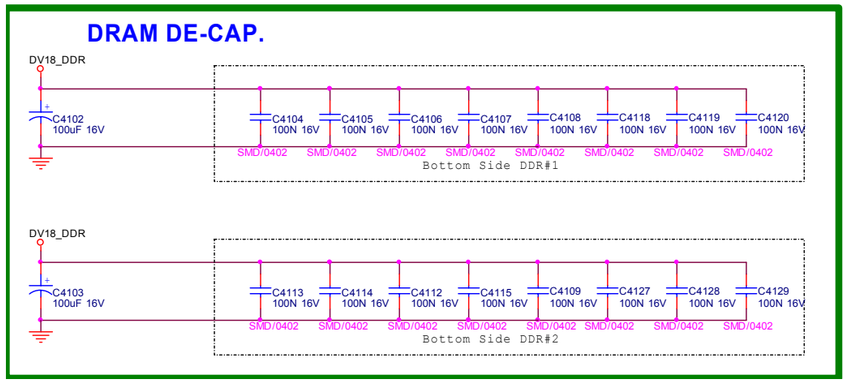
06. DDR2 MEMORY

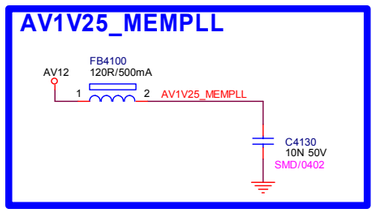


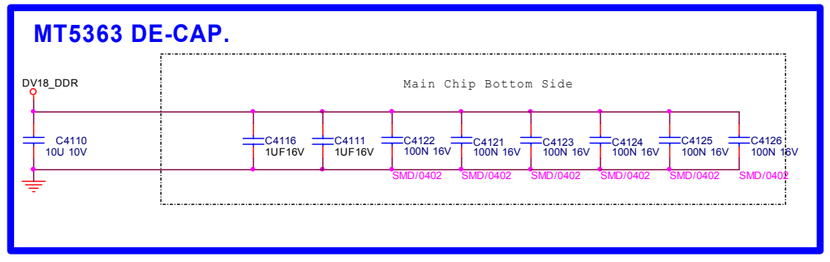


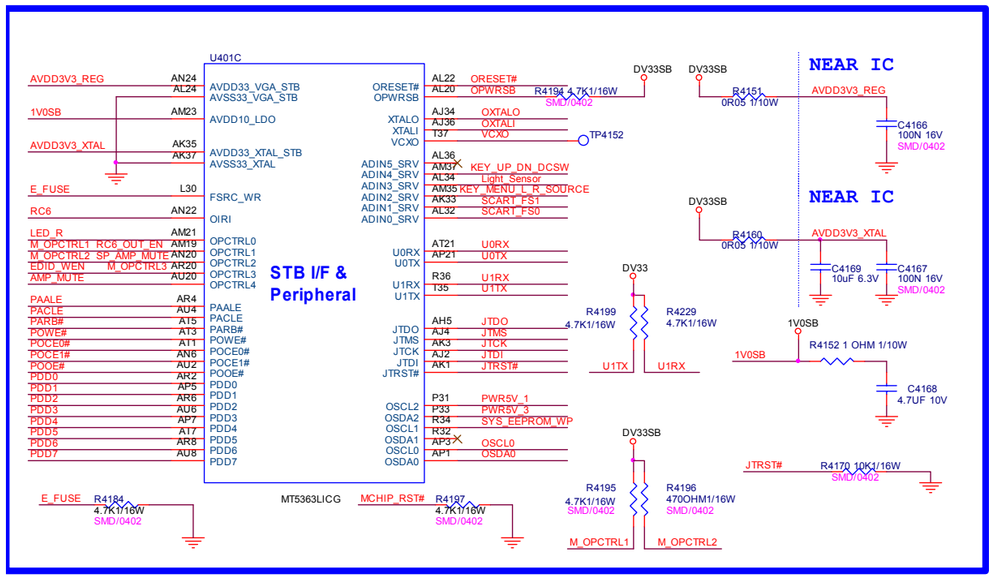


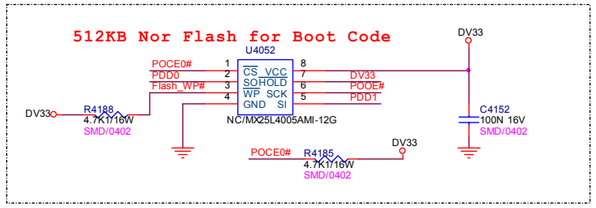


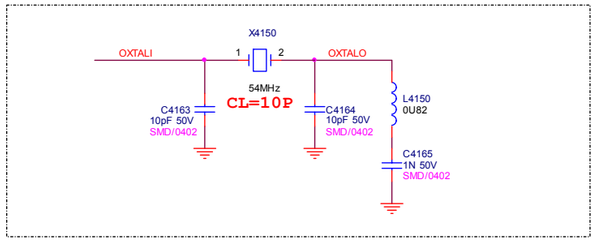


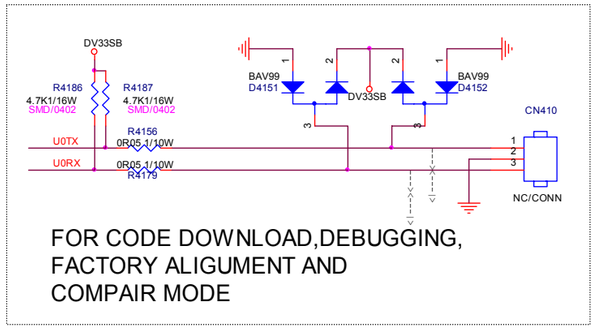


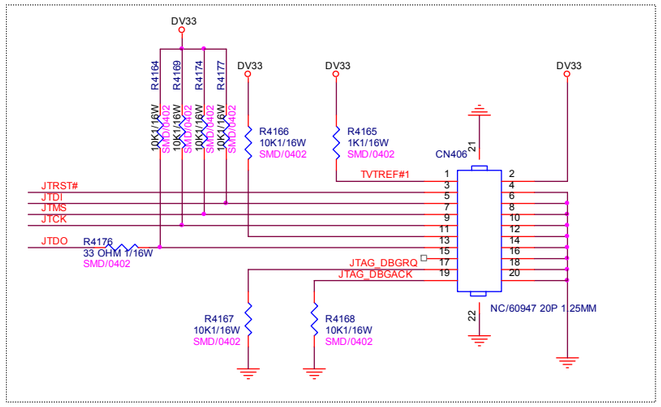


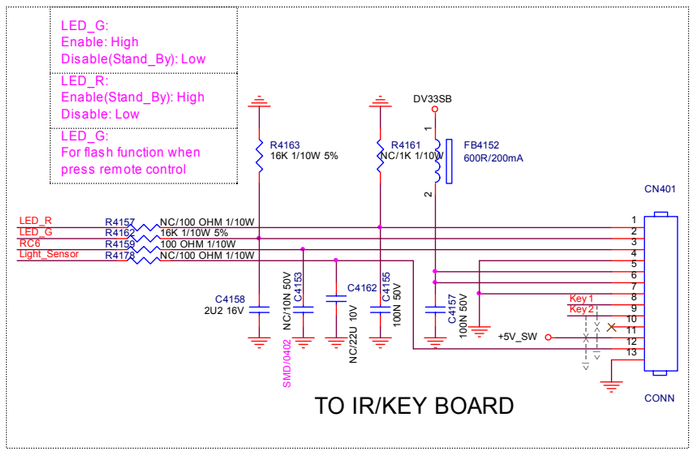

U401C
STB I/F & Peripheral
MT5363LICG
NEAR IC
NEAR IC
AVDD3V3_REG
1V0SB
AVDD3V3_XTAL
E_FUSE
RC6
LED_R
M_OPCTRL1_RC6_OUT_EN
M_OPCTRL2_SP_AMP_MUTE
EDID_WEN M_OPCTRL3
AMP_MUTE
OXTALO
OXTALI
KEY_UP_DN_DCSW
Light_Sensor
KEY_MENU_L_R_SOURCE
SCART_FS1
SCART_FS0
U0RX
U0TX
U1RX
U1TX
JTDO
JTMS
JTCK
JTDI
JTRST#
PWR5V_1
PWR5V_3
SYS_EEPROM_WP
OSCL0
OSDA0
MCHIP_RST#
M_OPCTRL1
M_OPCTRL2
JTRST#
E_FUSE R4184 4.7K1/16W SMD/0402
MCHIP_RST# R4197 4.7K1/16W SMD/0402
R4195 4.7K1/16W SMD/0402
R4196 470OHM1/16W SMD/0402
R4199 4.7K1/16W
R4229 4.7K1/16W
R4152 1 OHM 1/10W
C4168 4.7UF 10V
R4170 10K1/16W SMD/0402
R4194 4.7K1/16W SMD/0402
R4151 0R05 1/10W
C4166 100N 16V SMD/0402
R4160 0R05 1/10W
C4169 10uF 6.3V
C4167 100N 16V SMD/0402
TP4152


512KB Nor Flash for Boot Code
U4052
NC/MX25L4005AMI-12G
R4188 4.7K1/16W SMD/0402
R4185 4.7K1/16W SMD/0402
C4152 100N 16V SMD/0402

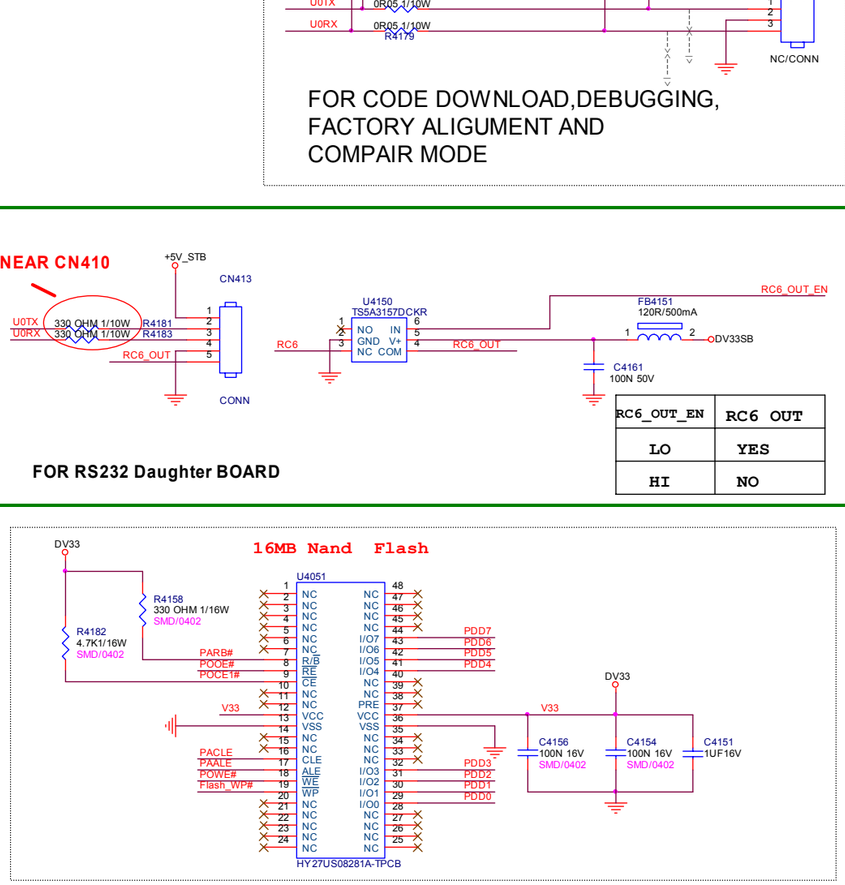

X4150
54MHz
CL=10P
C4163 10pF 50V SMD/0402
C4164 10pF 50V SMD/0402
L4150 0U82
C4165 1N 50V SMD/0402

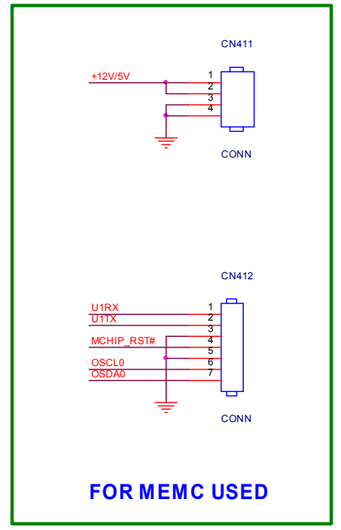

R4186 4.7K1/16W SMD/0402
R4187 4.7K1/16W SMD/0402
R4156 0R05 1/10W
R4179 0R05 1/10W
BAV99 D4151
BAV99 D4152
CN410
NC/CONN
FOR CODE DOWNLOAD,DEBUGGING,
FACTORY ALIGUMENT AND
COMPAIR MODE

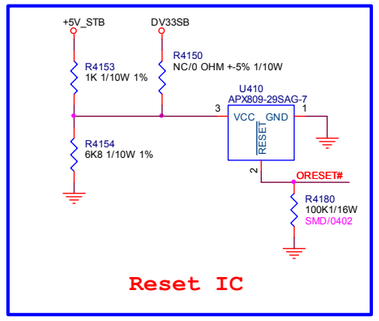

JTRST#
JTDI
JTMS
JTCK
JTDO R4176 33 OHM 1/16W SMD/0402
TVTREF#1
JTAG_DBGRQ
JTAG_DBGACK
CN406
NC/60947 20P 1.25MM
R4166 10K1/16W SMD/0402
R4165 1K1/16W SMD/0402
R4167 10K1/16W SMD/0402
R4168 10K1/16W SMD/0402

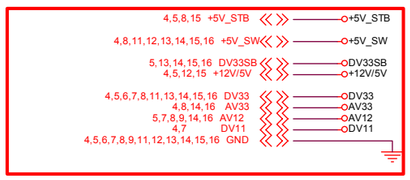

LED_G:
Enable: High
Disable(Stand_By): Low
LED_R:
Enable(Stand_By): High
Disable: Low
LED_G:
For flash function when
press remote control
R4163 16K 1/10W 5%
R4161 NC/1K 1/10W
FB4152 600R/200mA
DV33SB
CN401
R4157 NC/100 OHM 1/10W
R4162 16K 1/10W 5%
R4158 100 OHM 1/10W
R4178 NC/100 OHM 1/10W
C4158 2U2 16V
C4153 NC/10N 50V
C4162 NC/22U 10V
C4155 100N 50V
C4157 100N 50V
+5V_SW
Key1
Key2
CONN
TO IR/KEY BOARD

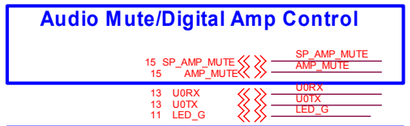
NEAR CN410
+5V_STB
CN413
U0TX
U0RX
330 OHM 1/10W R4181
330 OHM 1/10W R4183
RC6_OUT
CONN
U4150
TS5A3157DCKR
RC6
RC6_OUT
RC6_OUT_EN
FB4151 120R/500mA
DV33SB
C4161 100N 50V
FOR RS232 Daughter BOARD
RC6_OUT_EN | RC6 OUT
LO | YES
HI | NO


16MB Nand Flash
U4051
HY27US08281A-TPCB
R4158 330 OHM 1/16W SMD/0402
R4182 4.7K1/16W SMD/0402
PARB#
POOE#
POCE1#
PACLE
PAALE
POWE#
Flash_WP#
V33
C4156 100N 16V SMD/0402
C4154 100N 16V SMD/0402
C4151 1UF16V

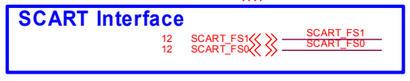

CN411
+12V/5V
CONN
CN412
U1RX
U1TX
MCHIP_RST#
OSCL0
OSDA0
CONN
FOR MEMC USED


+5V_STB
DV33SB
R4153 1K 1/10W 1%
R4150 NC/0 OHM +-5% 1/10W
R4154 6K8 1/10W 1%
U410
APX809-29SAG-7
VCC GND RESET
ORESET#
R4180 100K1/16W SMD/0402
Reset IC


4,5,8,15 +5V_STB
+5V_STB
4,8,11,12,13,14,15,16 +5V_SW
+5V_SW
5,13,14,15,16 DV33SB
4,5,12,15 +12V/5V
DV33SB
+12V/5V
4,5,6,7,8,11,13,14,15,16 DV33
4,8,14,16 AV33
5,7,8,9,14,16 AV12
4,7 DV11
4,5,6,7,8,9,11,12,13,14,15,16 GND
DV33
AV33
AV12
DV11


Audio Mute/Digital Amp Control
15 SP_AMP_MUTE
15 AMP_MUTE
SP_AMP_MUTE
AMP_MUTE

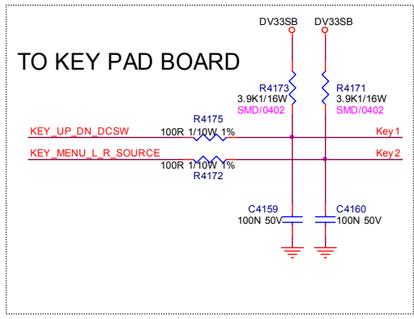
13 U0RX
13 U0TX
11 LED_G
U0RX
U0TX
LED_G

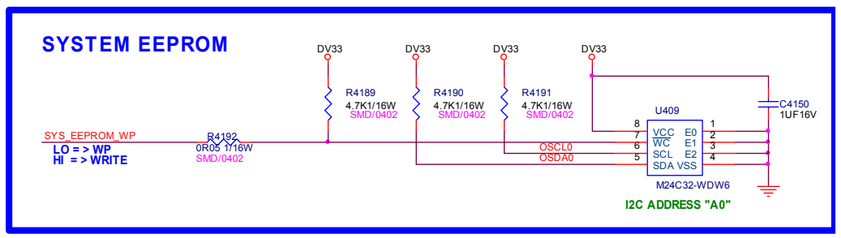

SCART Interface
12 SCART_FS1
12 SCART_FS0
SCART_FS1
SCART_FS0

Other Control Interface
4 OPWRSB
OPWRSB
7,13,14 M_OPCTRL3
7,13,14 EDID_WEN
M_OPCTRL3
EDID_WEN

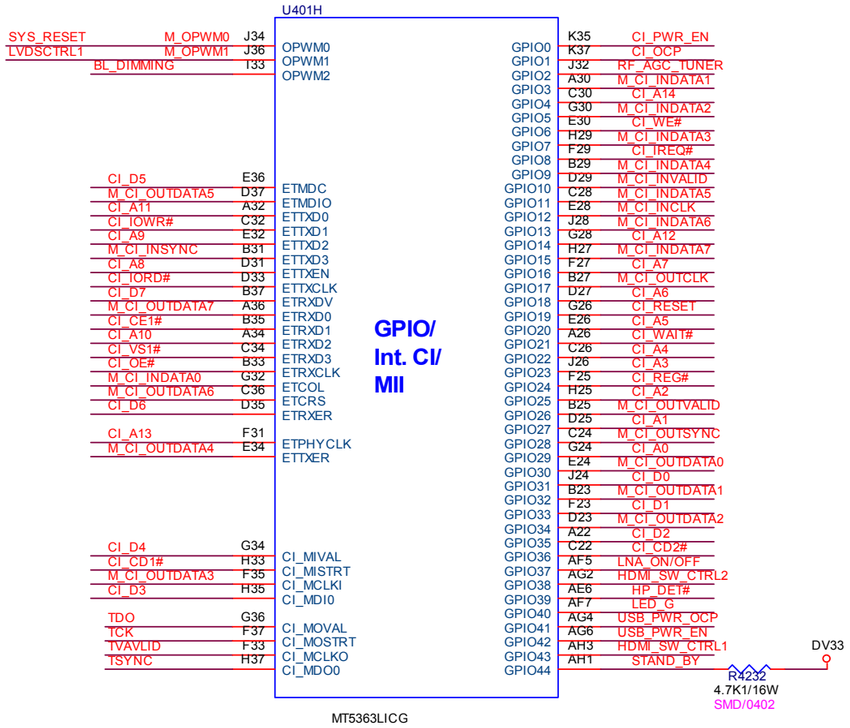
HDMI SW CTRL
14 PWR5V_3
14 PWR5V_1
PWR5V_3
PWR5V_1

MEMC RESET Control
8 MCHIP_RST#
MCHIP_RST#

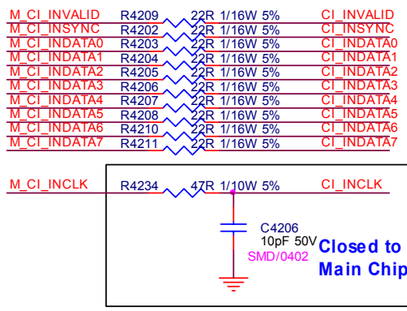

TO KEY PAD BOARD
DV33SB
R4173 3.9K1/16W SMD/0402
R4171 3.9K1/16W SMD/0402
R4175
KEY_UP_DN_DCSW
100R 1/10W 1%
Key1
KEY_MENU_L_R_SOURCE
100R 1/10W 1%
Key2
R4172
C4159 100N 50V
C4160 100N 50V

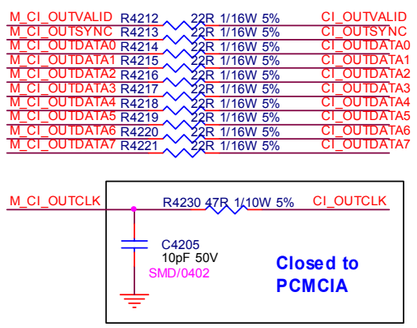

SYSTEM EEPROM
DV33
R4189 4.7K1/16W SMD/0402
R4190 4.7K1/16W SMD/0402
R4191 4.7K1/16W SMD/0402
SYS_EEPROM_WP
LO = > WP
HI = > WRITE
R4192 0R05 1/16W SMD/0402
OSCL0
OSDA0
U409
VCC E0
WC E1
SCL E2
SDA VSS
M24C32-WDW6
C4150 1UF16V
I2C ADDRESS "A0"

08. CI CARD

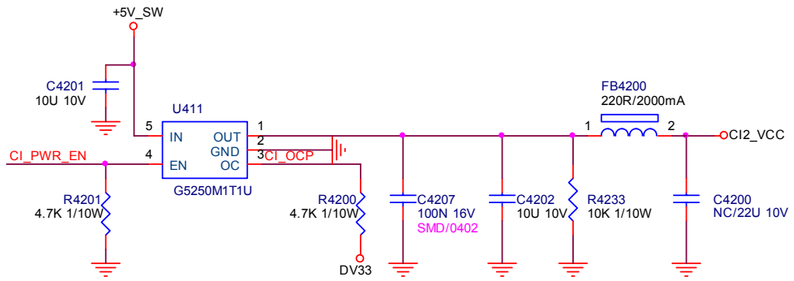


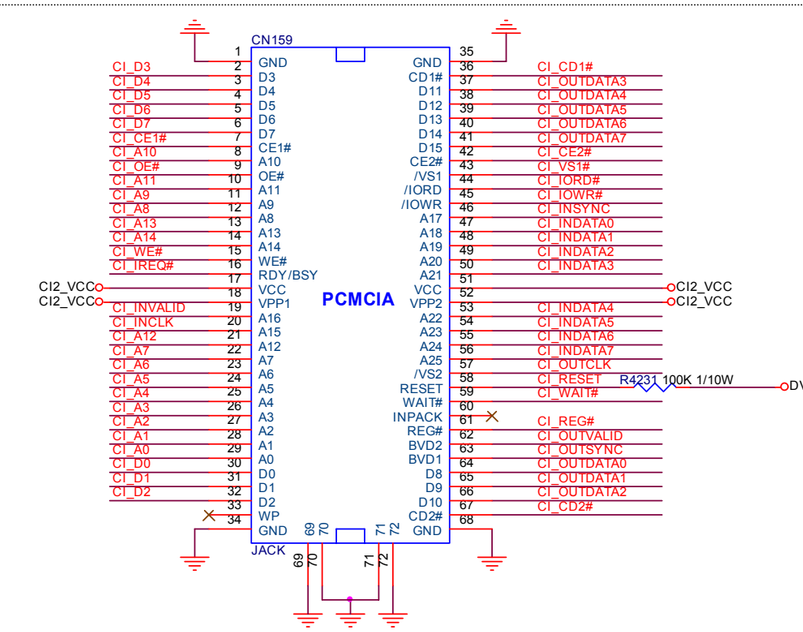
Function 1 (Internal CI) CI Interface

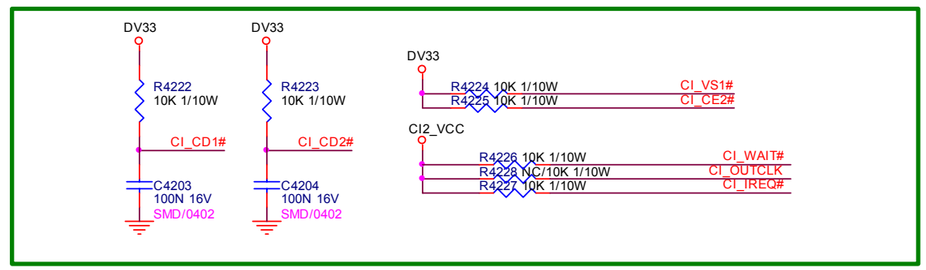


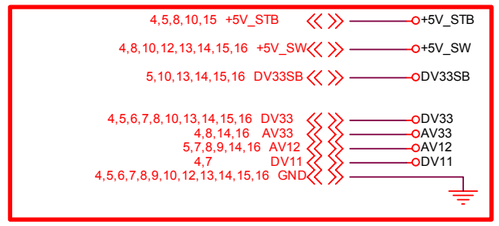


CLOSE TO CI CONNECTOR





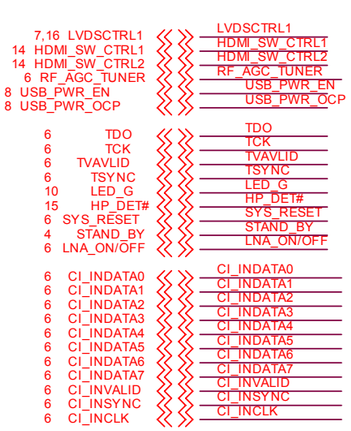




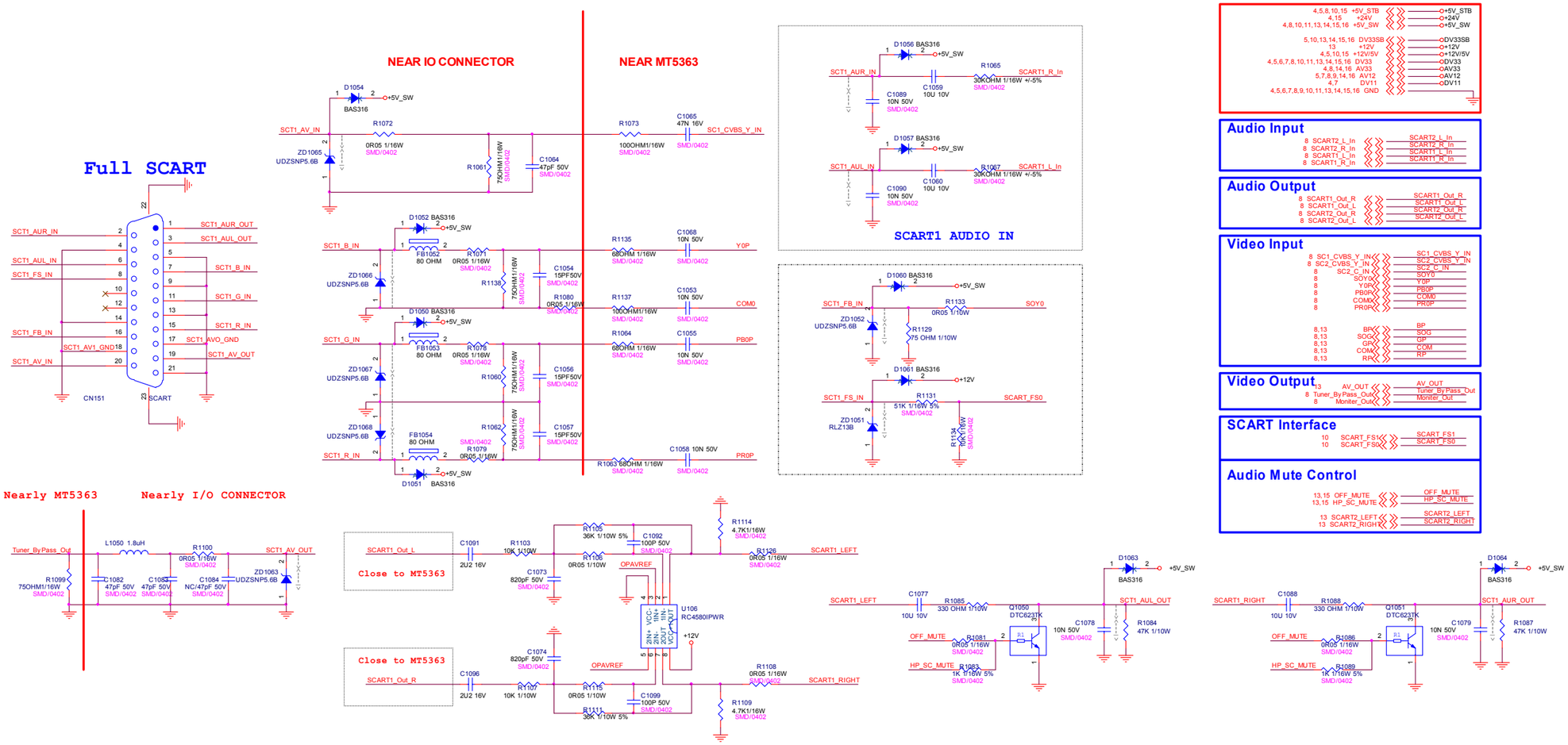
LVDS Control Interface

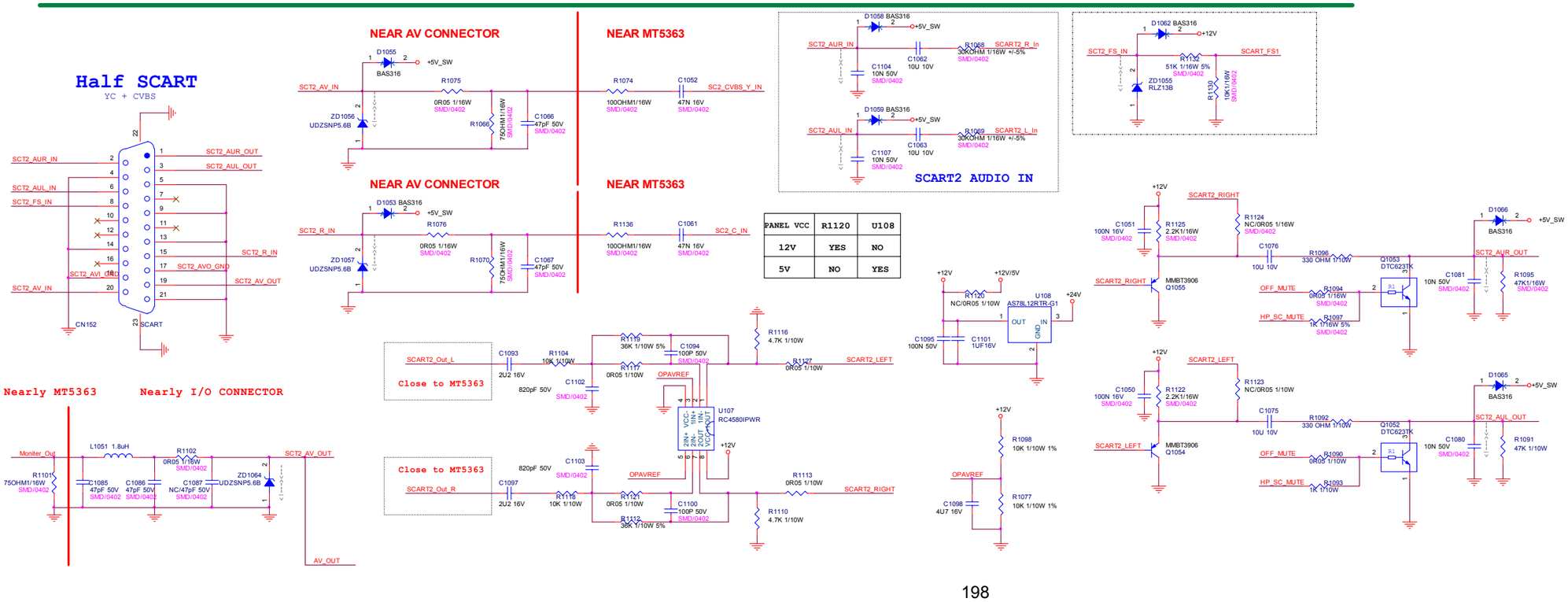
For CID Test Only

HW Strapping



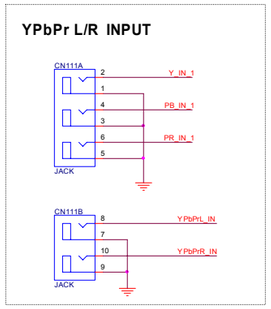
09. SCART1/ SCART2

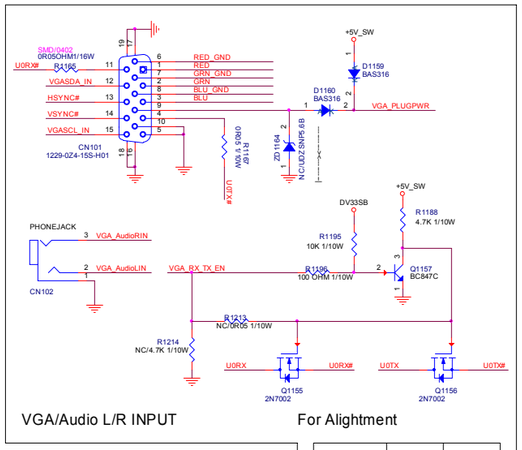


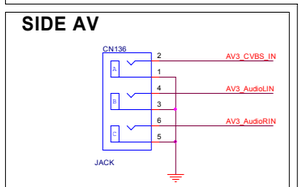


PANEL VCC	R1120	U108
12V	YES	NO
5V	NO	YES

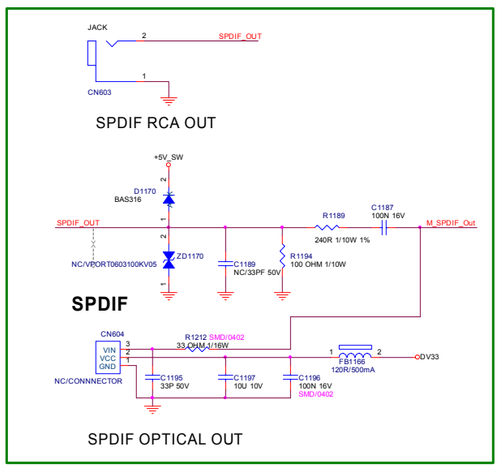
10. YPBPR/VGA IN/SPDIF OUT

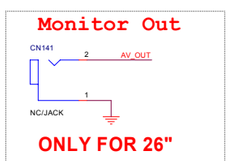


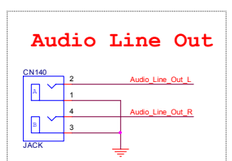


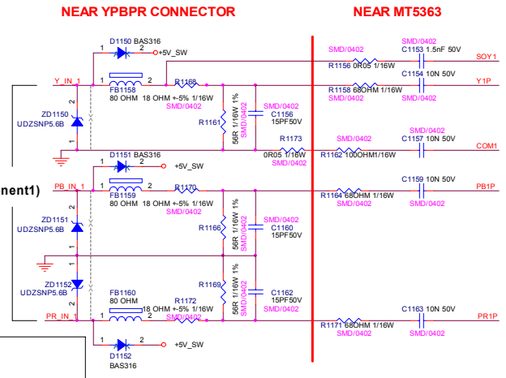


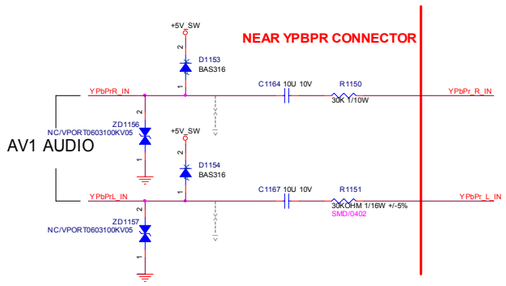
	SHARP	OTS
R1195	YES	NO
R1196	YES	NO
R1188	YES	NO
Q1157	YES	NO
R1213	NO	YES
R1214	NO	YES
VGA_RX_TX_EN	H: OFF L: ON	H: ON L: OFF

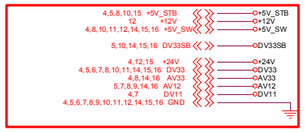


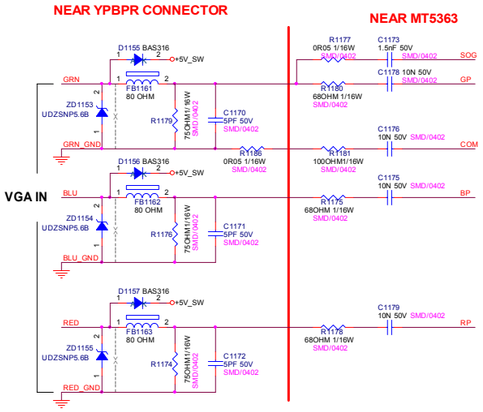


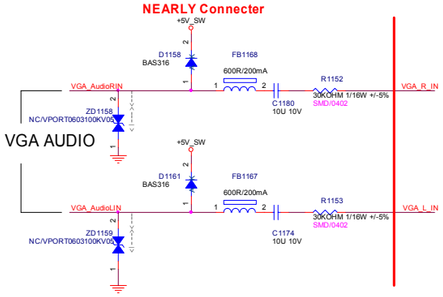


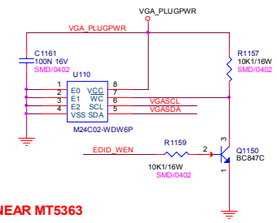


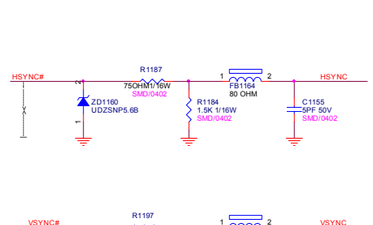


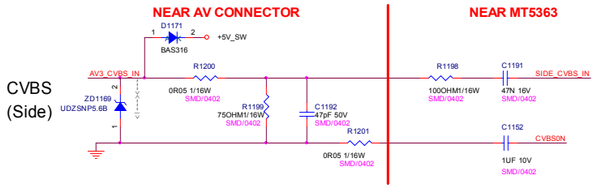


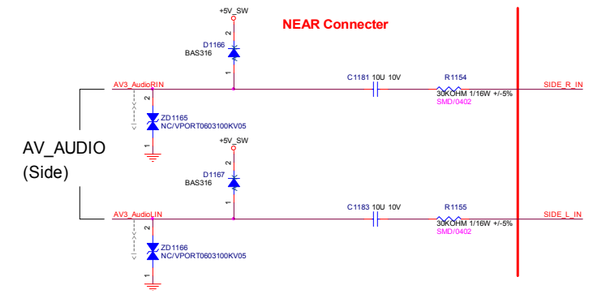


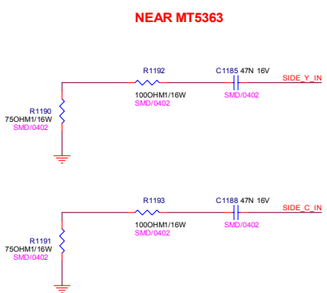


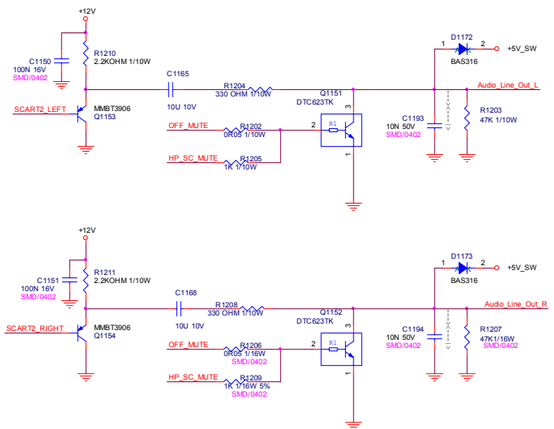




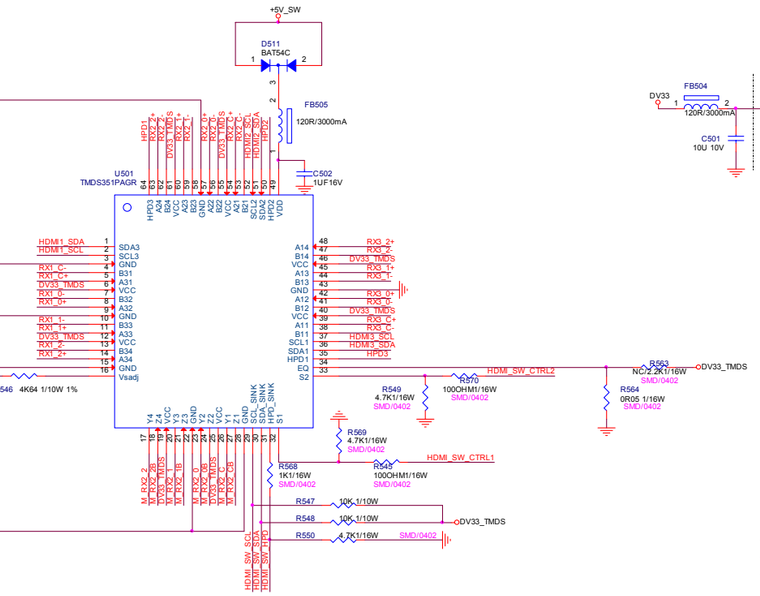




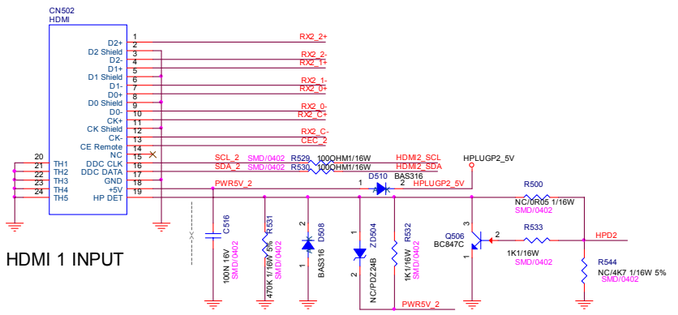




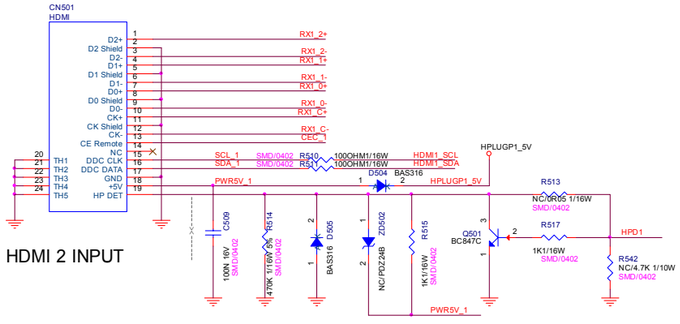
11. HDMI1/HDMI2/HDMI3 INPUT



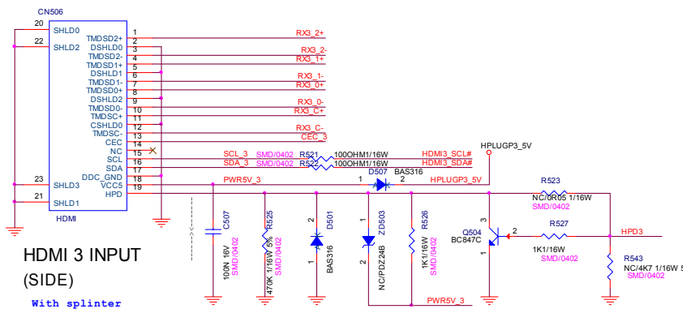
HDMI 1 INPUT



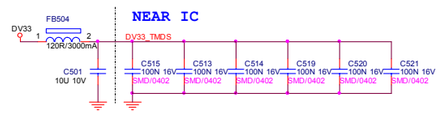
HDMI 1 INPUT



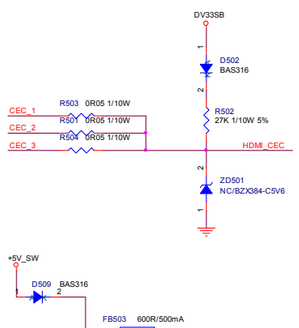
HDMI 2 INPUT

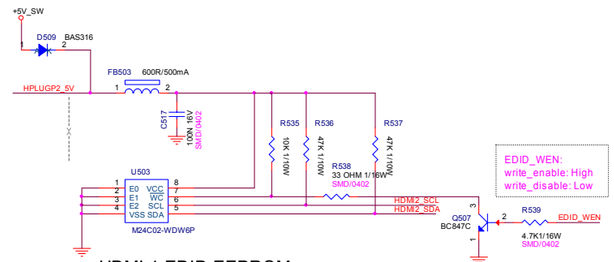


HDMI 3 INPUT
(SIDE)
With splinter

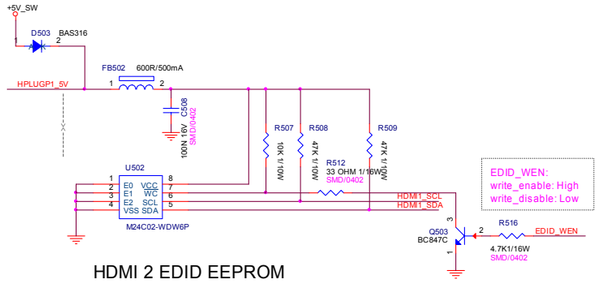


	HDMI1	HDMI2	HDMI3
HDMI_SW_CTRL1	L	L	H
HDMI_SW_CTRL2	H	L	H

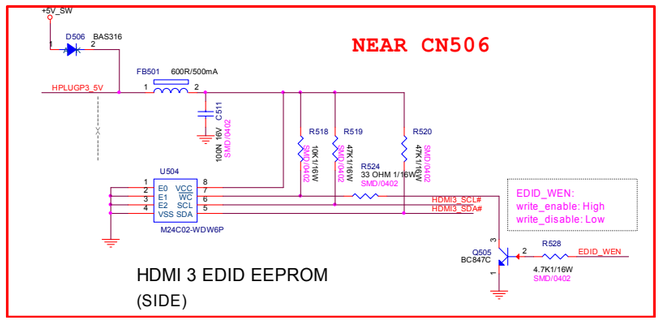




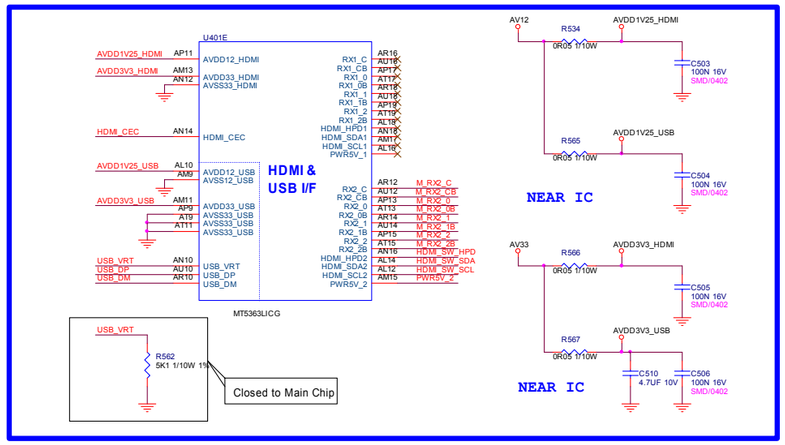
HDMI 1 EDID EEPROM



HDMI 2 EDID EEPROM



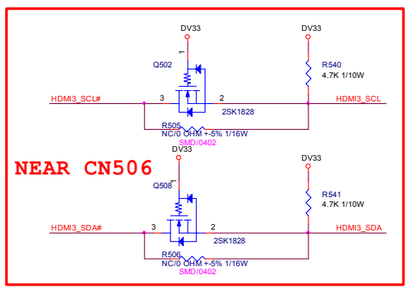
HDMI 3 EDID EEPROM
(SIDE)

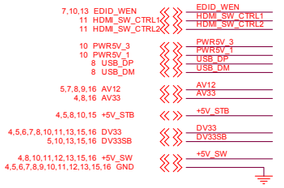


ITEM	2 HDMI	3 HDMI
CN506	NC	YES
R521	NC	YES
R522	NC	YES
D507	NC	YES
C507	NC	YES
R525	NC	YES
D501	NC	YES
ZD503	NC	YES
R526	NC	YES
Q504	NC	YES
R523	NC	YES

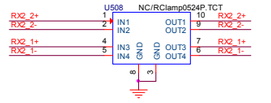
ITEM	2 HDMI	3 HDMI
R527	NC	YES
R543	NC	YES
D506	NC	YES
FB501	NC	YES
C511	NC	YES
U504	NC	YES
R518	NC	YES
R519	NC	YES
R524	NC	YES
R520	NC	YES
Q505	NC	YES

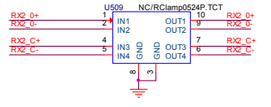
ITEM	2 HDMI	3 HDMI
R528	NC	YES
Q502	NC	YES
Q508	NC	YES
R540	NC	YES
R541	NC	YES
R504	NC	YES

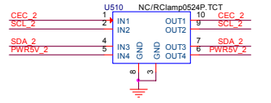




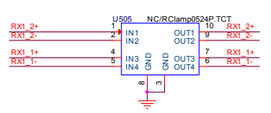
HDMI2 ESD PROTECTER

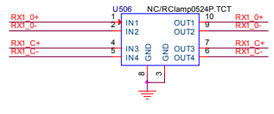


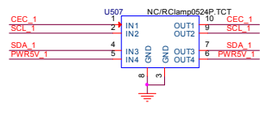




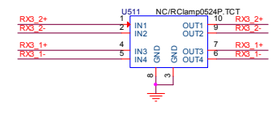
HDMI1 ESD PROTECTER

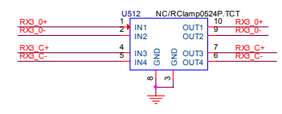


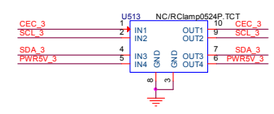




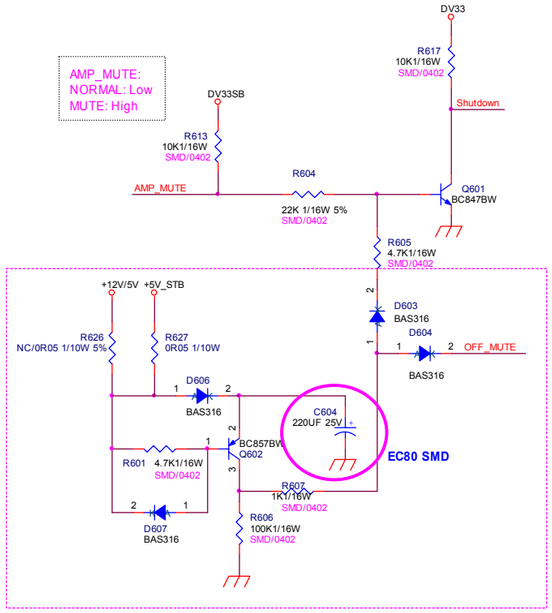
HDMI3 ESD PROTECTER (SIDE)



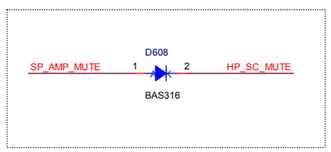




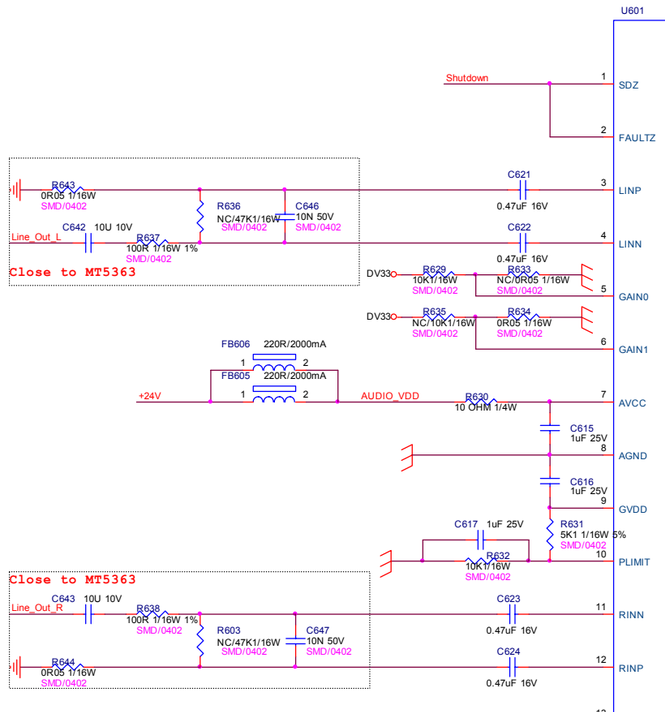
12. AUDIO AMP/HEADPHONE OUT



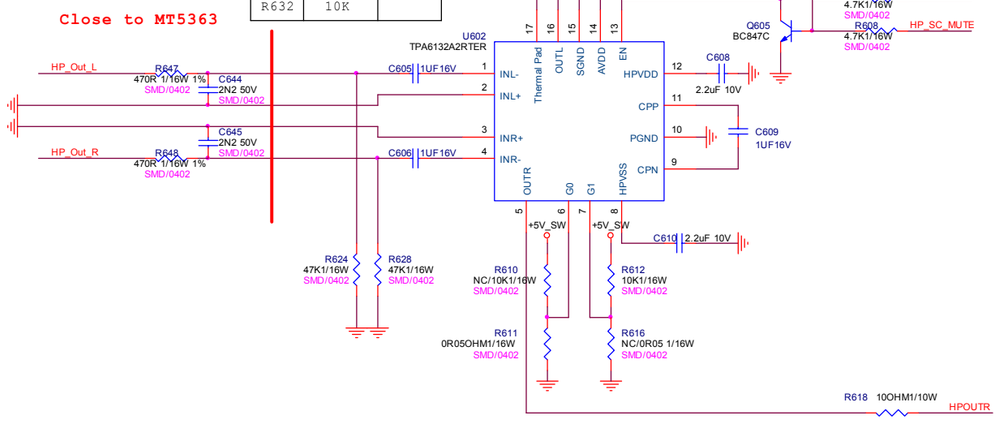
REMOVE AC
POP
SOUND CKT

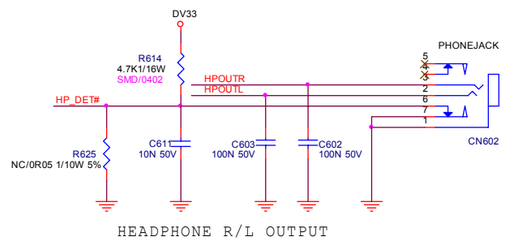


REMOVE POP SOUND CKT
When AC ON and DC OFF

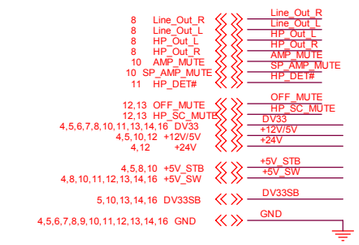


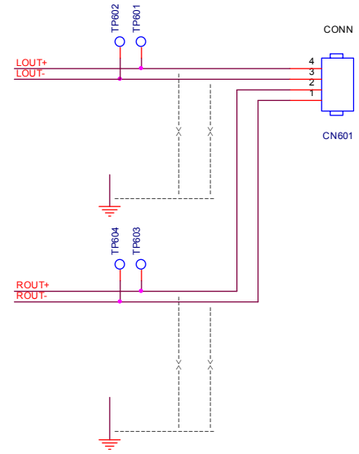
Item	10W	
R629	10K	
R633	NC	
R635	NC	
R634	0R	
R637	100R 1%	
R638	100R 1%	
R631	5K1	
R632	10K	



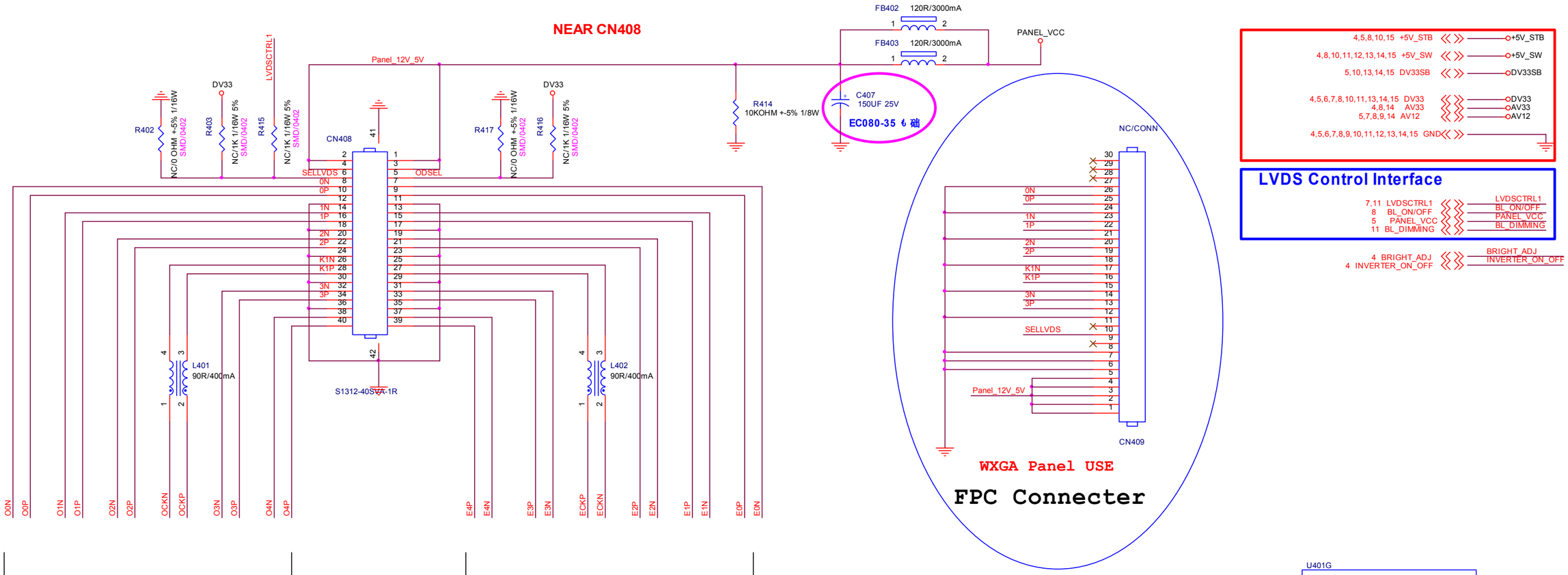


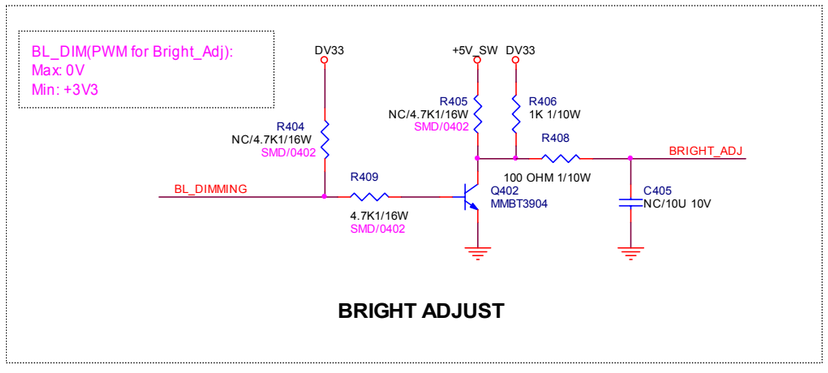
HEADPHONE R/L OUTPUT



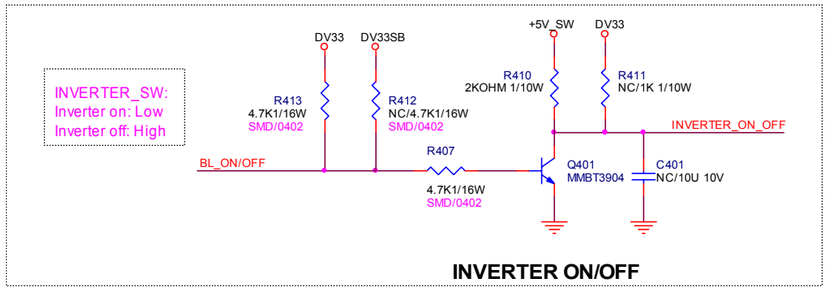


13. LVDS OUTPUT

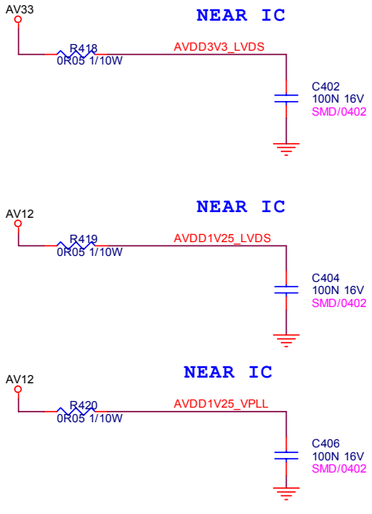


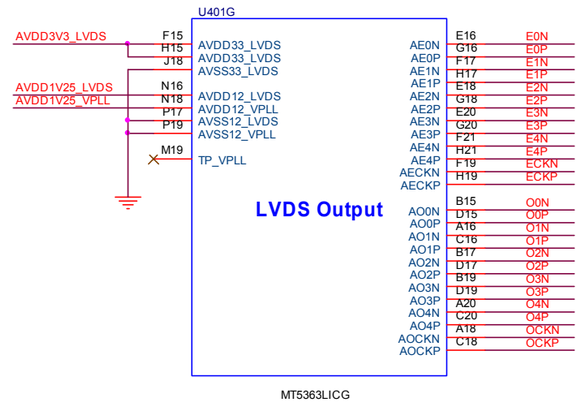


BL CONTROL	R408	R406	C405
PWM CONTROL	100R	1K	N/C
DC CONTROL	5K6	1K	10U



INVERTER ON/OFF	R410	R411
3V3	N/C	1K
5V	2K	N/C

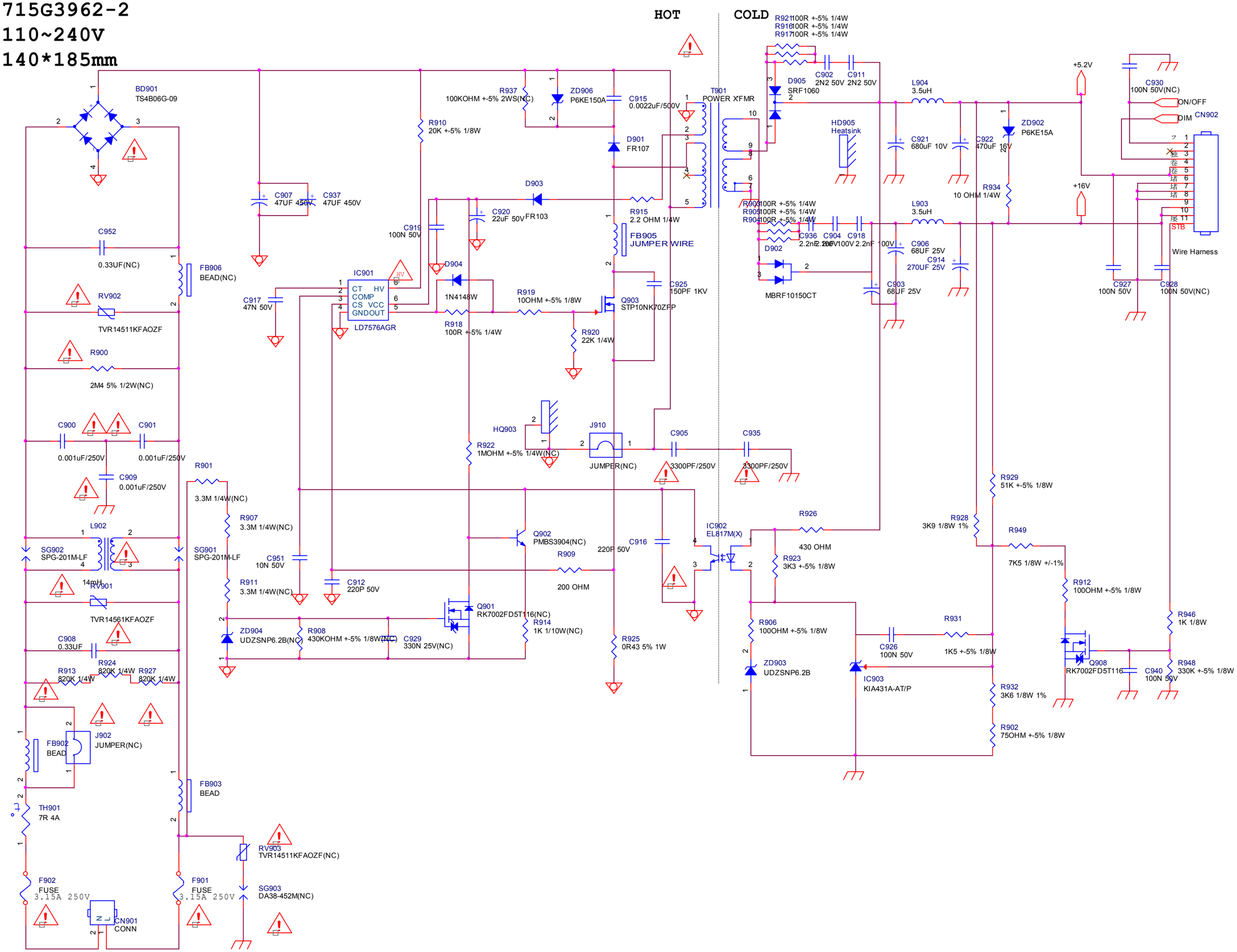




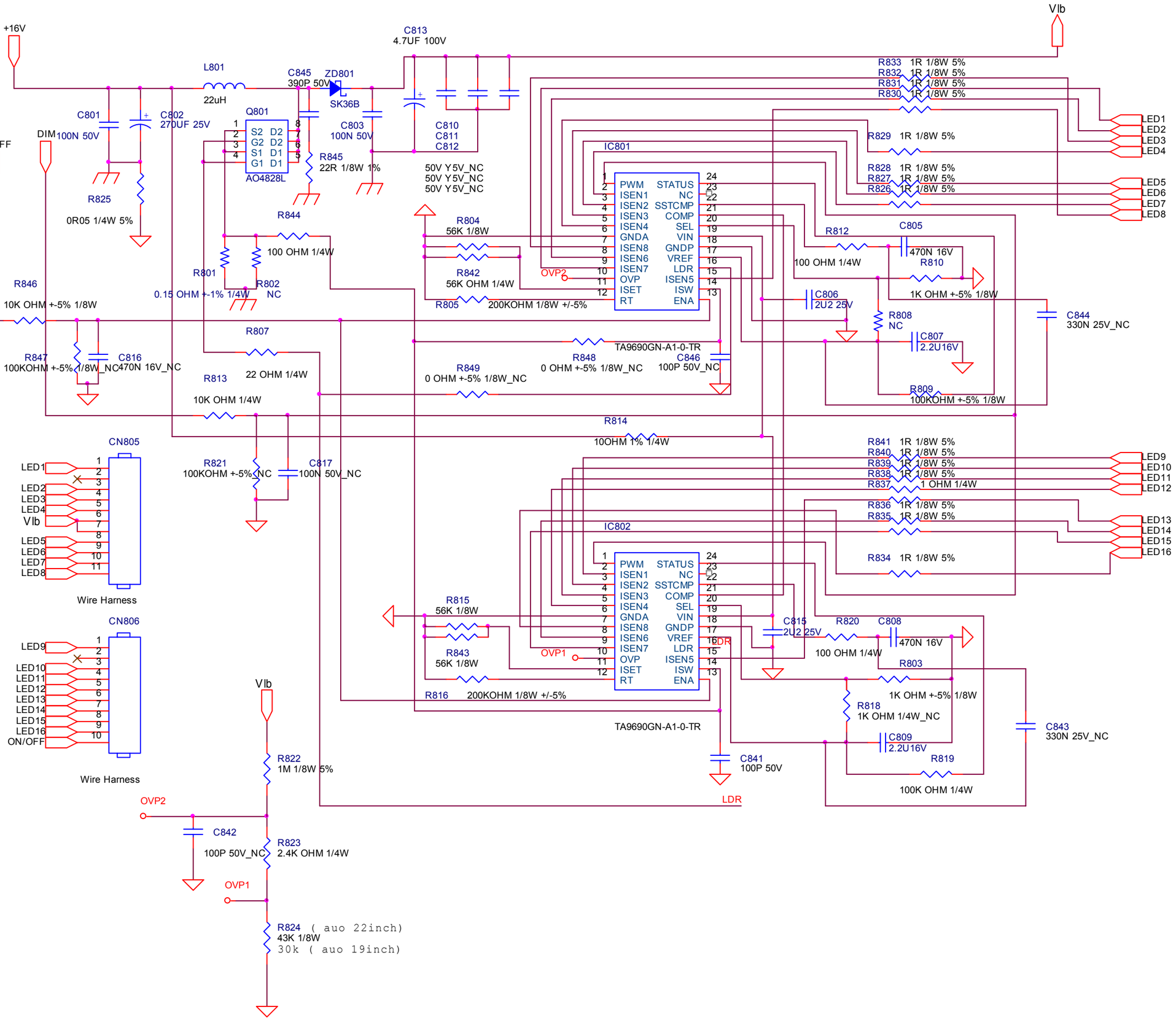
[2] POWER SCHEMATIC DIAGRAM (for 19" and 22")

1. POWER

715G3962-2
110~240V
140*185mm

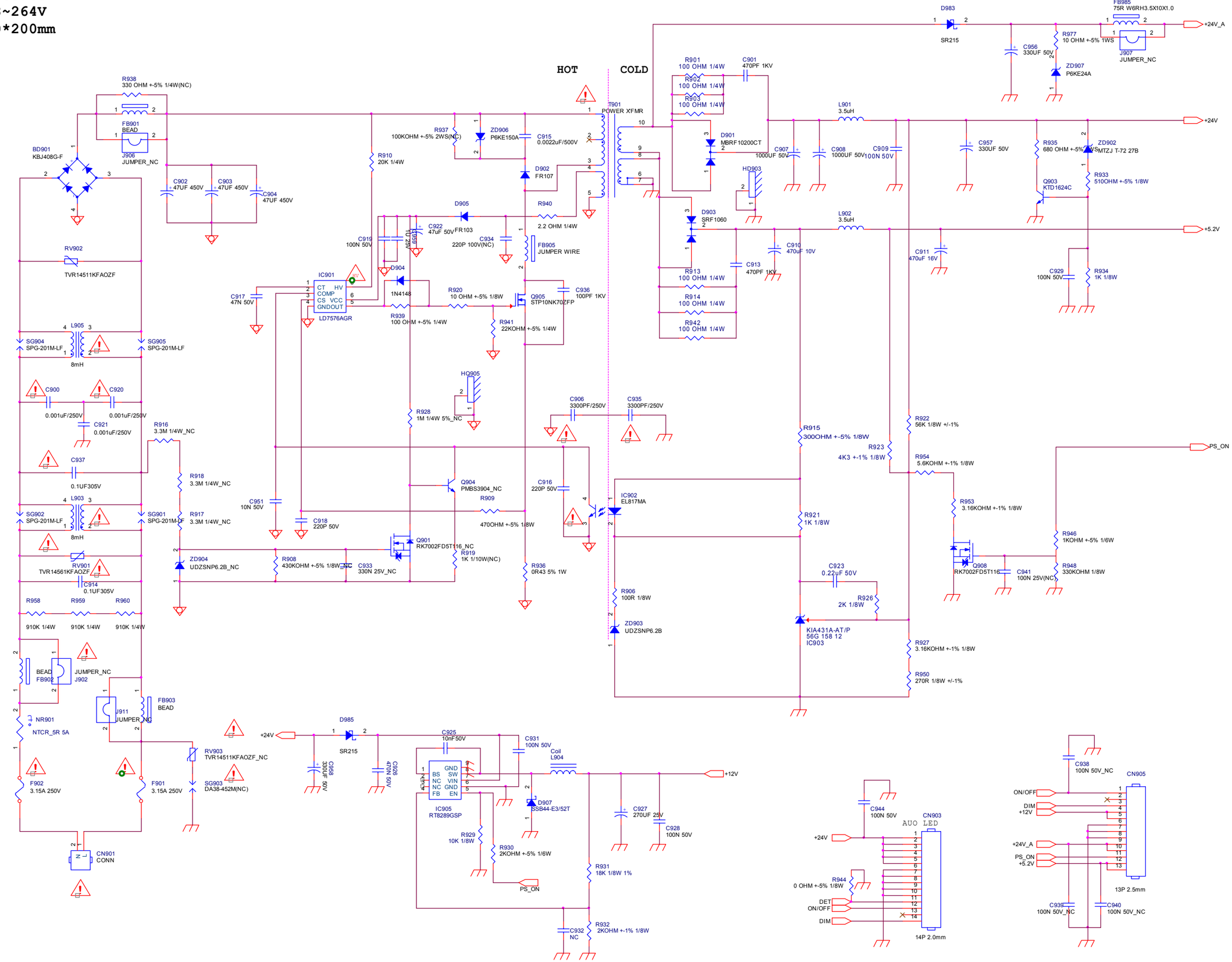


2. LED DRIVER


+16V
L801
22uH
C845
390P 50V
ZD801
SK36B
C813
4.7UF 100V
Vlb
C801
100N 50V
C802
270UF 25V
Q801
S2 D2
G2 D2
S1 D1
G1 D1
AO4828L
C803
100N 50V
C810
C811
C812
50V Y5V_NC
50V Y5V_NC
50V Y5V_NC
ON/OFF
DIM
R825
0R05 1/4W 5%
R845
22R 1/8W 1%
R844
IC801
PWM
ISEN1
ISEN2
ISEN3
ISEN4
GNDA
ISEN8
ISEN6
ISEN7
OVP
ISET
RT
STATUS
NC
SSTCMP
COMP
SEL
VIN
GNDP
VREF
LDR
ISEN5
ISW
ENA
R804
56K 1/8W
R842
56K OHM 1/4W
R805
200KOHM 1/8W +/-5%
OVP2
R801
100 OHM 1/4W
R802
NC
0.15 OHM +-1% 1/4W
R846
10K OHM +-5% 1/8W
R847
100KOHM +-5% 1/8W_NC
C816
470N 16V_NC
R807
22 OHM 1/4W
R813
10K OHM 1/4W
R848
0 OHM +-5% 1/8W_NC
R849
0 OHM +-5% 1/8W_NC
C846
100P 50V_NC
TA9690GN-A1-0-TR
R812
100 OHM 1/4W
C805
470N 16V
R810
1K OHM +-5% 1/8W
C806
2U2 25V
R808
NC
C807
2.2U16V
R809
100KOHM +-5% 1/8W
C844
330N 25V_NC
R814
10OHM 1% 1/4W
R833 1R 1/8W 5%
R832 1R 1/8W 5%
R831 1R 1/8W 5%
R830 1R 1/8W 5%
R829 1R 1/8W 5%
R828 1R 1/8W 5%
R827 1R 1/8W 5%
R826 1R 1/8W 5%
LED1
LED2
LED3
LED4
LED5
LED6
LED7
LED8
CN805
LED1
LED2
LED3
LED4
Vlb
LED5
LED6
LED7
LED8
Wire Harness
R821
100KOHM +-5%_NC
C817
100N 50V_NC
IC802
R841 1R 1/8W 5%
R840 1R 1/8W 5%
R839 1R 1/8W 5%
R838 1R 1/8W 5%
R837 1 OHM 1/4W
R836 1R 1/8W 5%
R835 1R 1/8W 5%
R834 1R 1/8W 5%
LED9
LED10
LED11
LED12
LED13
LED14
LED15
LED16
R815
56K 1/8W
R843
56K 1/8W
R816
200KOHM 1/8W +/-5%
OVP1
LDR
C815
2U2 25V
R820
100 OHM 1/4W
C808
470N 16V
R803
1K OHM +-5% 1/8W
R818
1K OHM 1/4W_NC
C809
2.2U16V
R819
100K OHM 1/4W
C843
330N 25V_NC
C841
100P 50V
TA9690GN-A1-0-TR
CN806
LED9
LED10
LED11
LED12
LED13
LED14
LED15
LED16
ON/OFF
Wire Harness
Vlb
R822
1M 1/8W 5%
OVP2
C842
100P 50V_NC
R823
2.4K OHM 1/4W
OVP1
R824 (auo 22inch)
43K 1/8W
30k (auo 19inch)

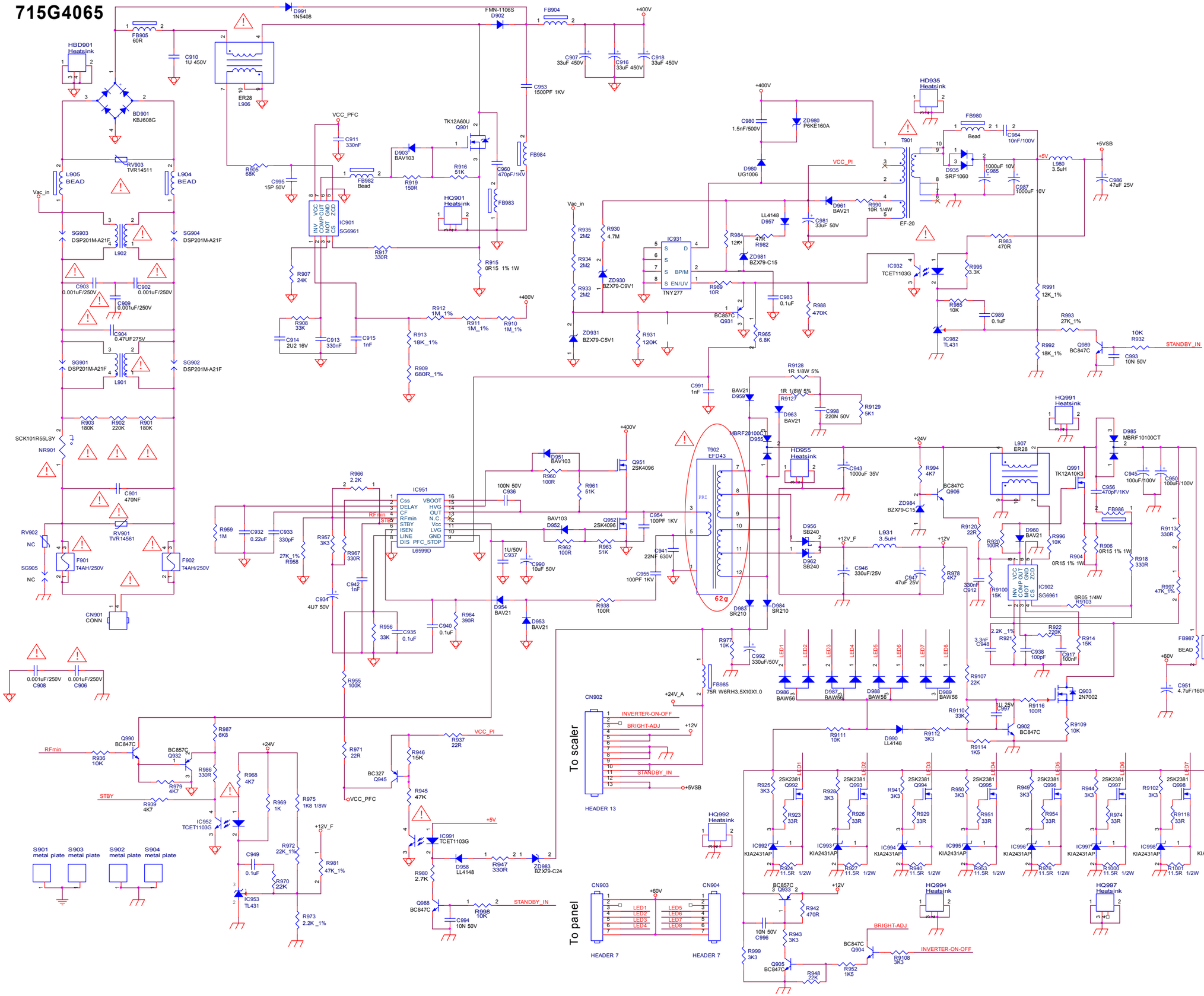
POWER SCHEMATIC DIAGRAM (for 26")

715G3965-1
198~264V
150*200mm



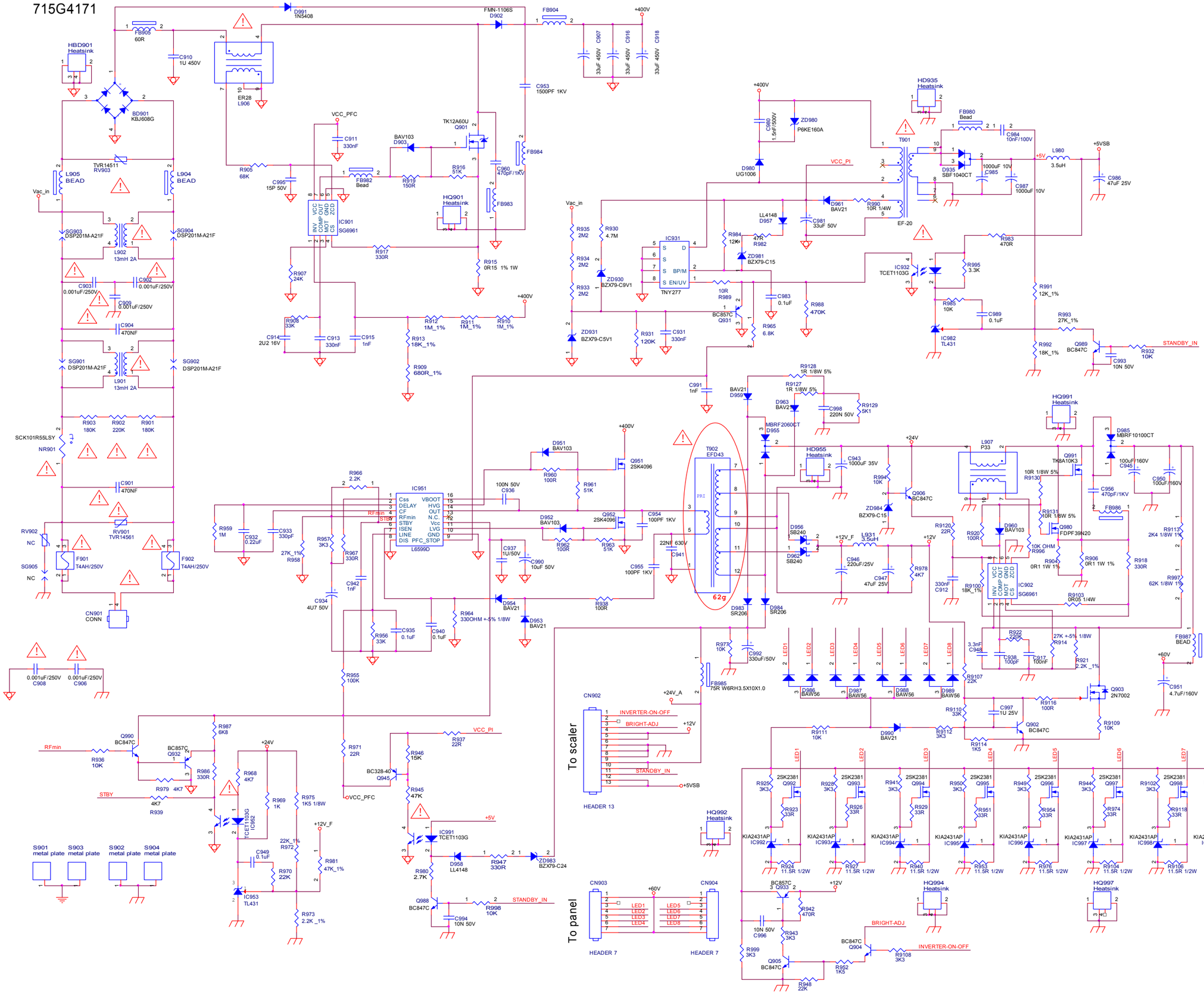
POWER SCHEMATIC DIAGRAM (for 32” and 37”)

715G4065

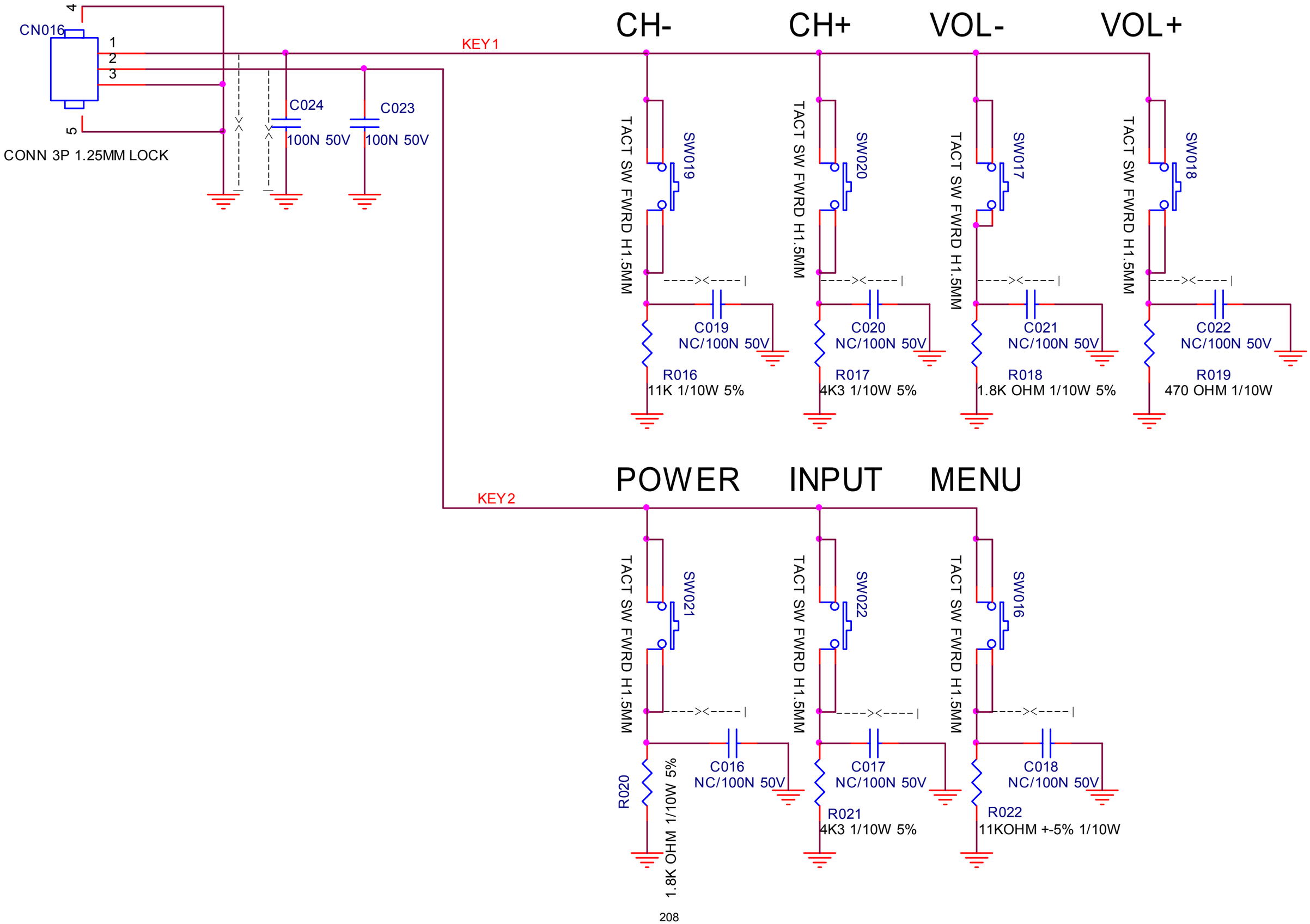


POWER SCHEMATIC DIAGRAM (for 42”)

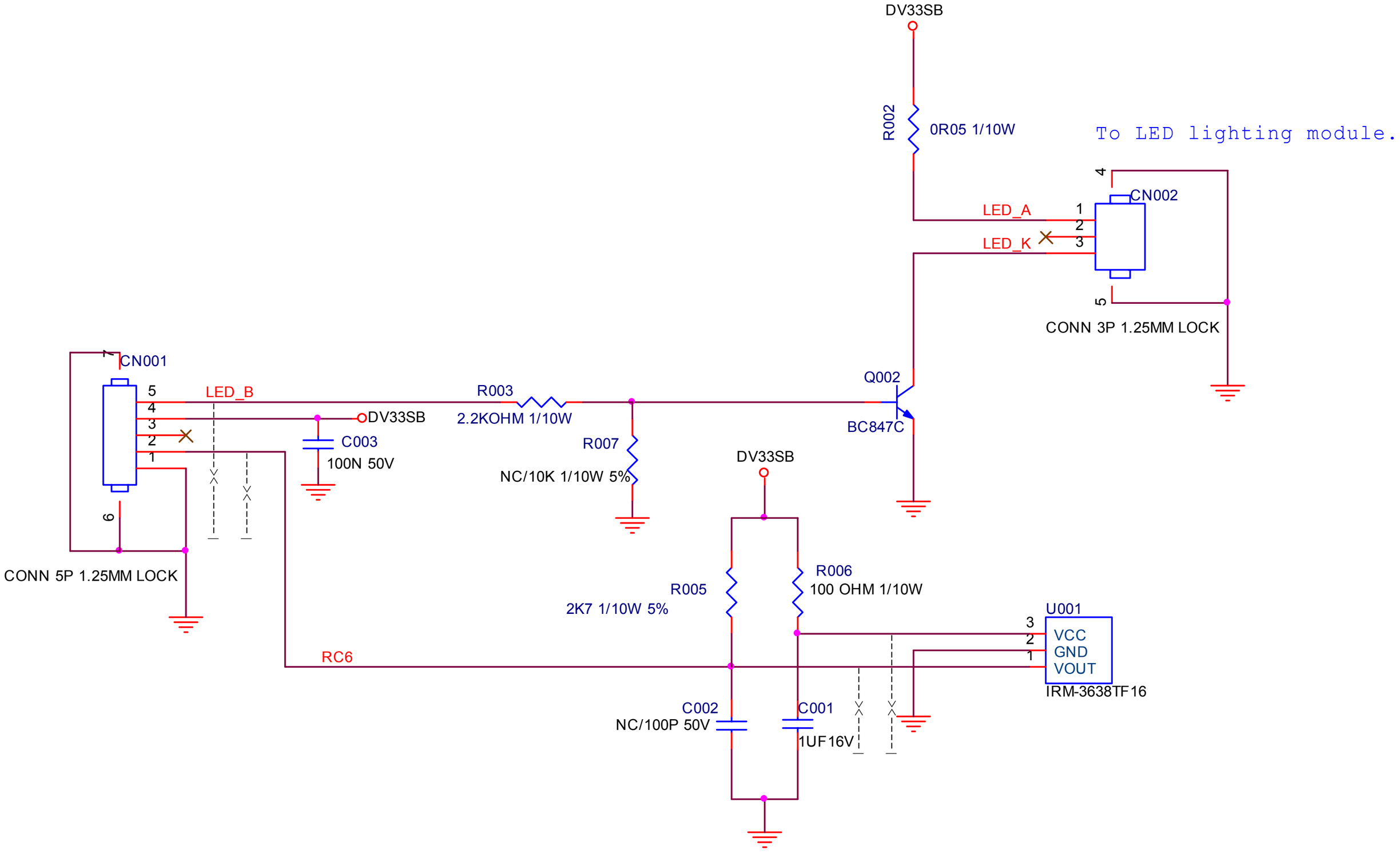
715G4171



[3] KEY SCHEMATIC DIAGRAM

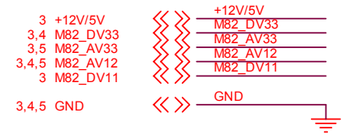


[4] IR SCHEMATIC DIAGRAM

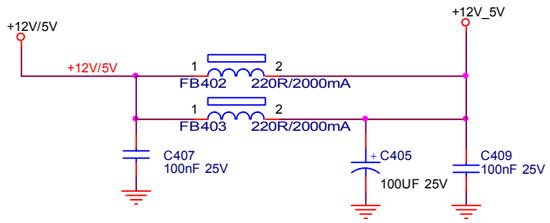


[5] MEMC SCHEMATIC DIAGRAM

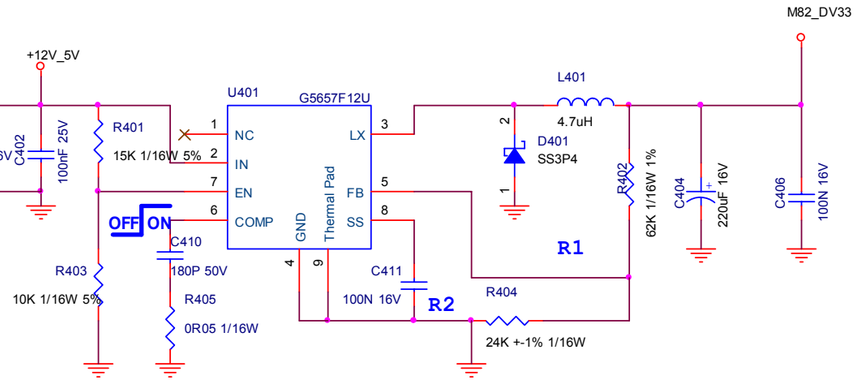
1. MT8282 DC CONVERTER



MEMC POWER VCC +12V/5V

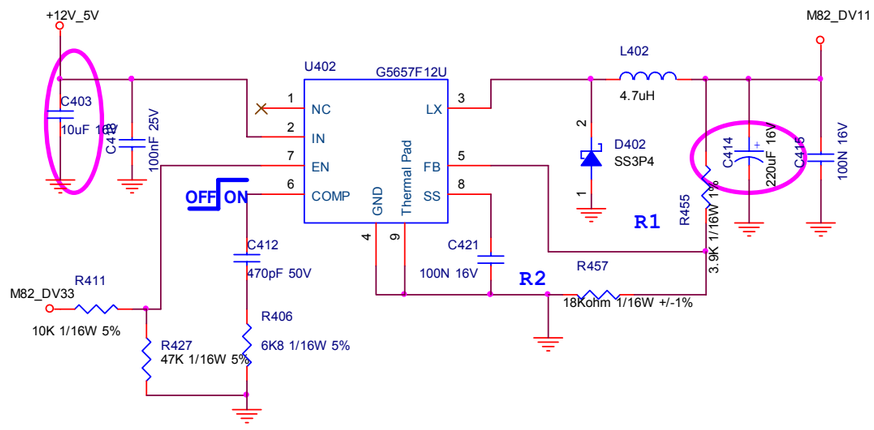


POWER M82_DV33



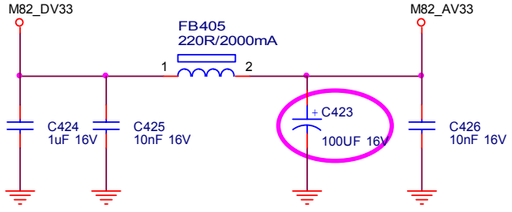
Vout =0.92x(1+R1/R2) = 0.92 x (1 + 62K/ 24K) = 3.3V

CORE POWER M82_DV11



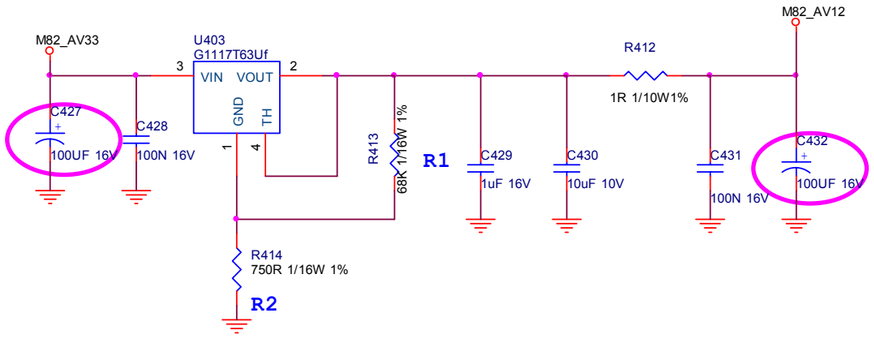
Vout =0.92x(1+R1/R2) = 0.92 x (1 + 3.9K/ 18K) = 1.19V

POWER M82_AV33



POWER M82_AV12

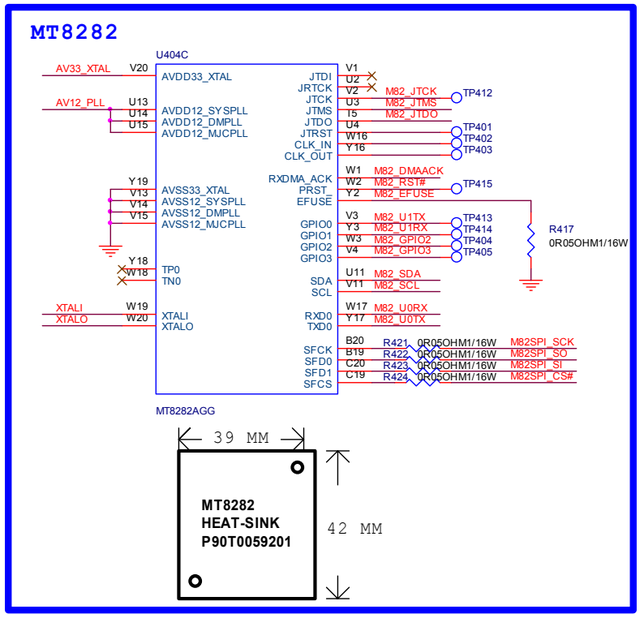
M82_AV12 = 1.2637 - 1 x 0.064 = 1.1993 V

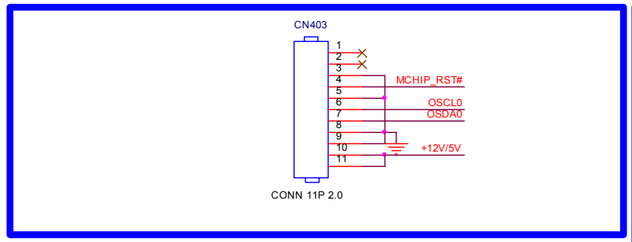


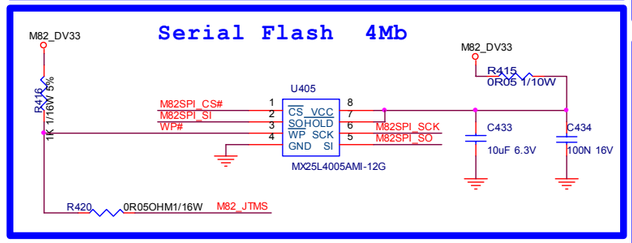
Vout = 1.25 x (1+ [R2/R1]) = 1.25 x (1 + 750/68K) = 1.2637V

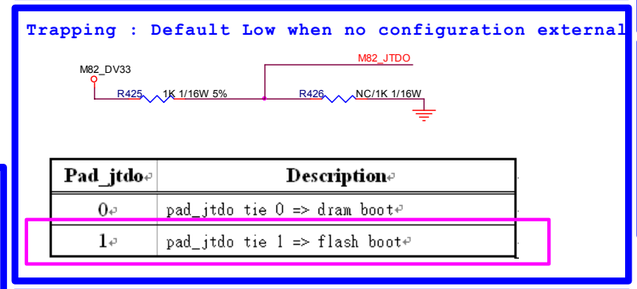
2. MT8282 PERIPHERAL

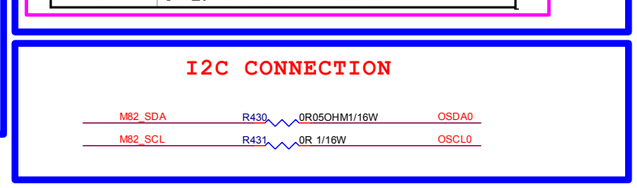
MT8282 Peripheral

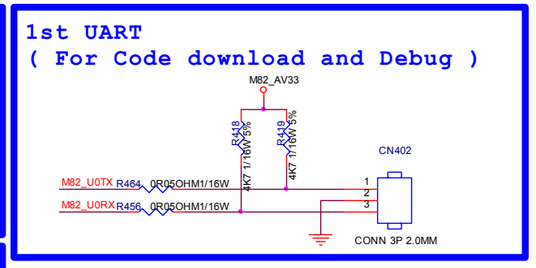


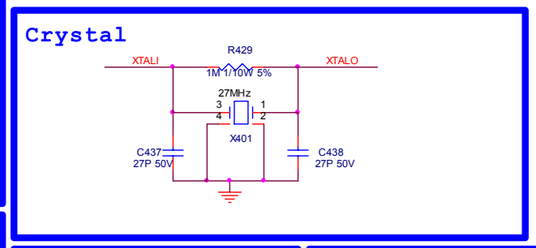


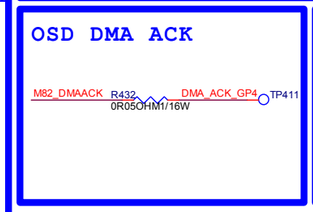


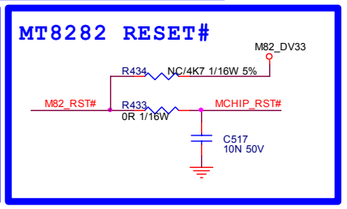


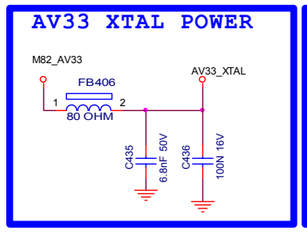


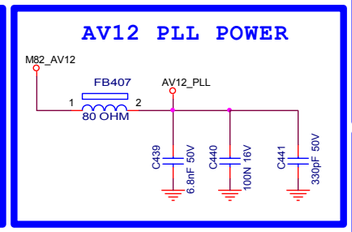




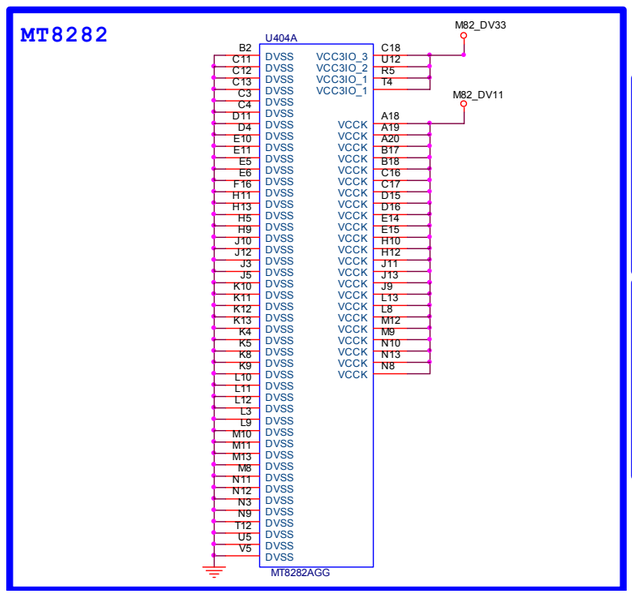


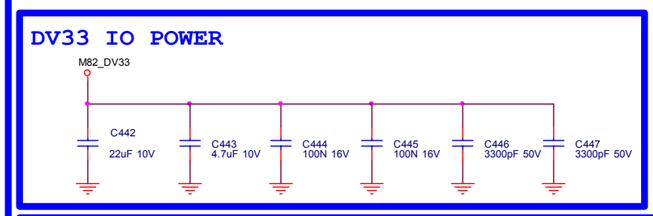


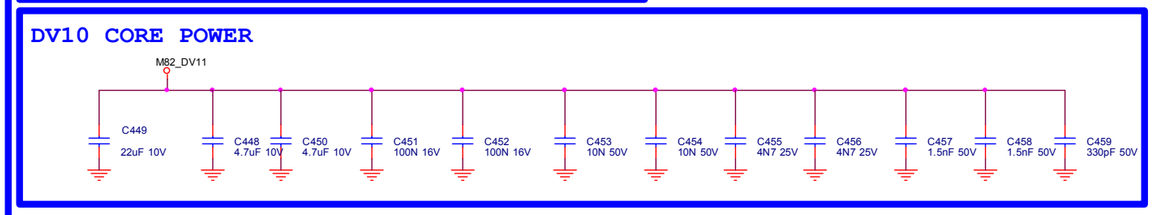




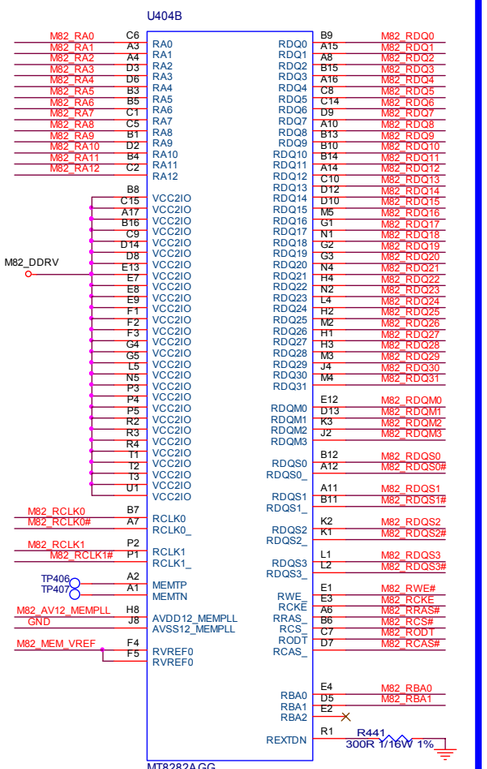
MT8282 Power



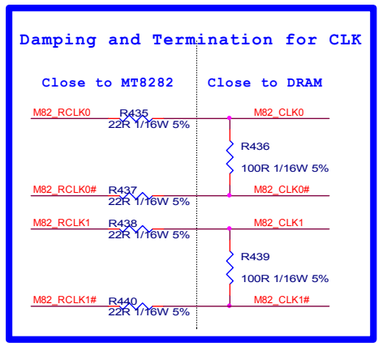




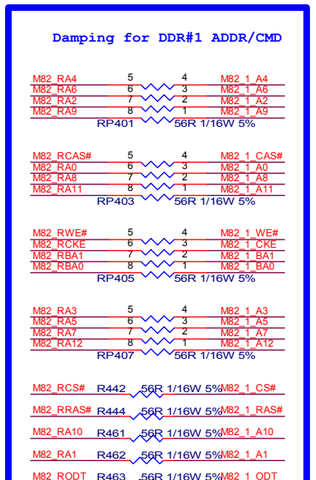
MT8282



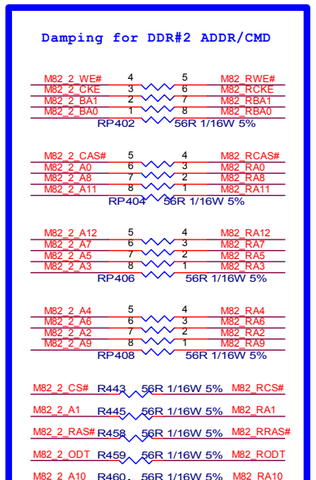
Damping and Termination for CLK

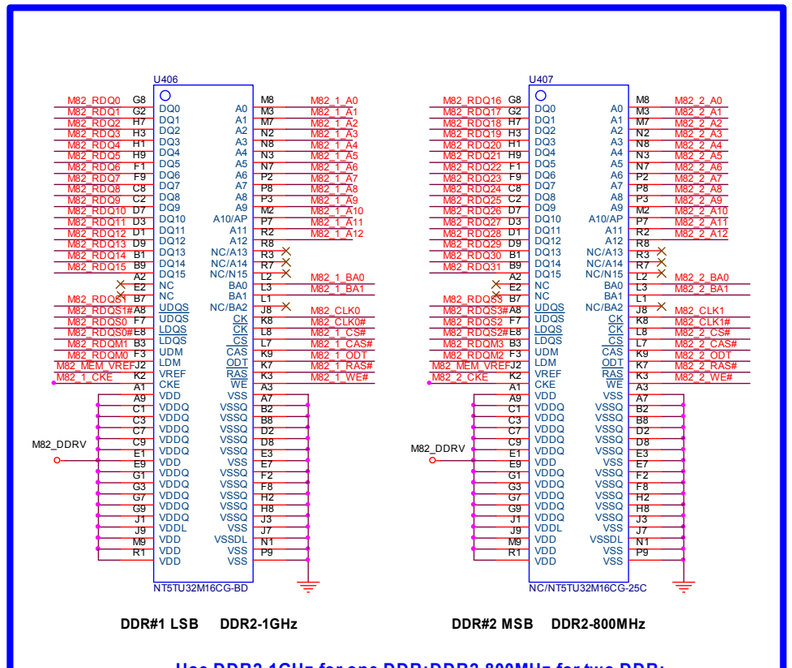


Damping for DDR#1 ADDR/CMD

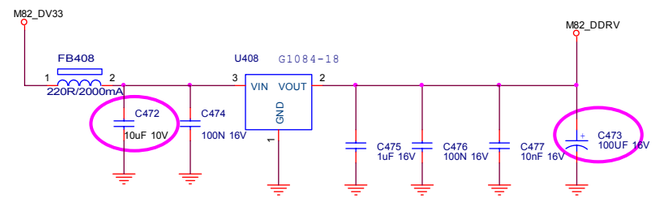


Damping for DDR#2 ADDR/CMD

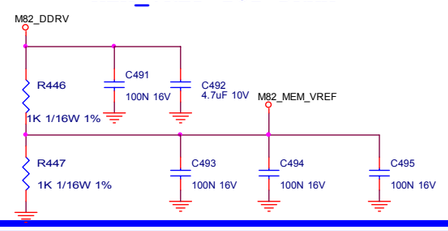




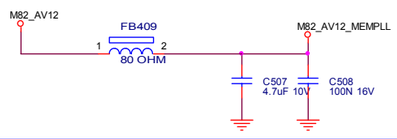
DRAM Power M82_DDRV



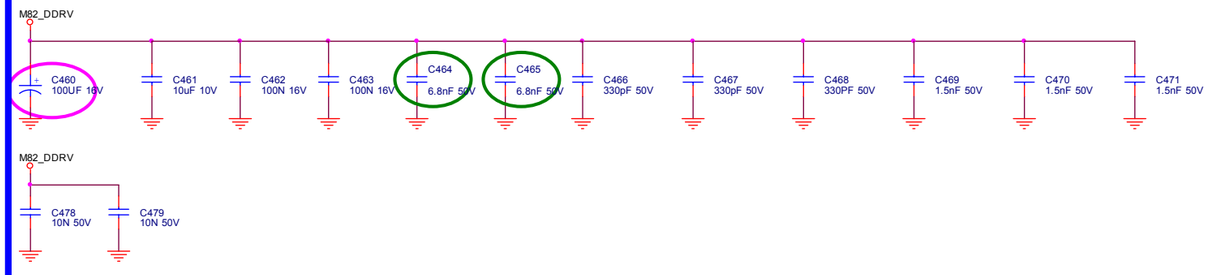
MEM_VREF for DRAM



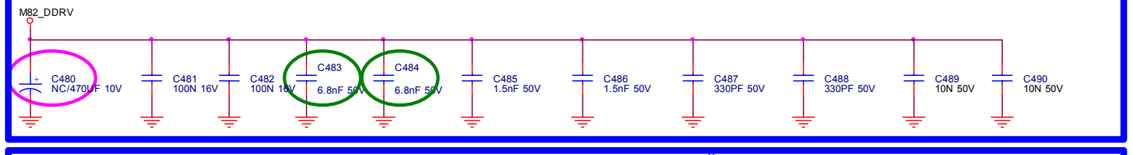
CAPs for AV12_MEMPLL



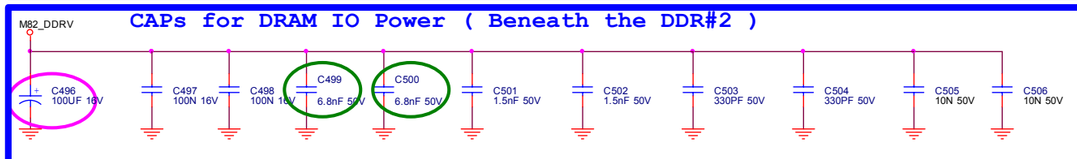
CAPs for DRAM IO Power (Beneath the MT8282)



CAPs for DRAM IO Power (Beneath the DDR#1)

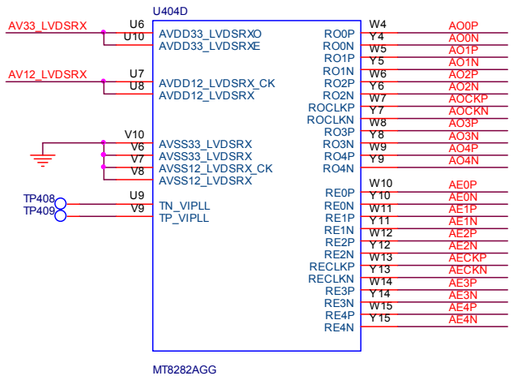


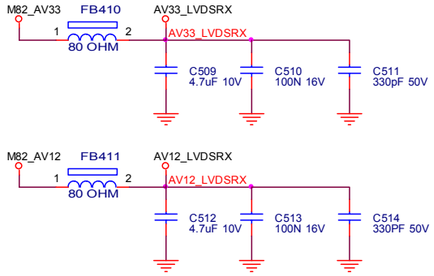
CAPs for DRAM IO Power (Beneath the DDR#2)

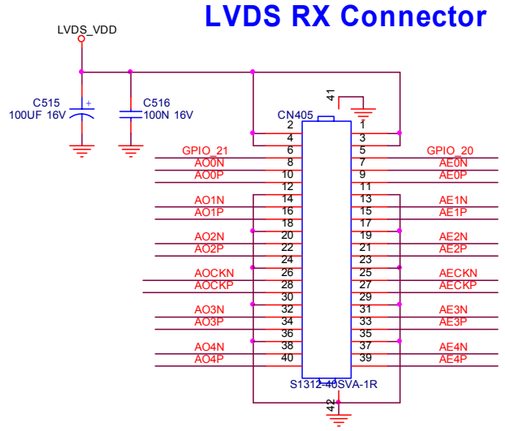


4. MT8282 LVDS TX/RX

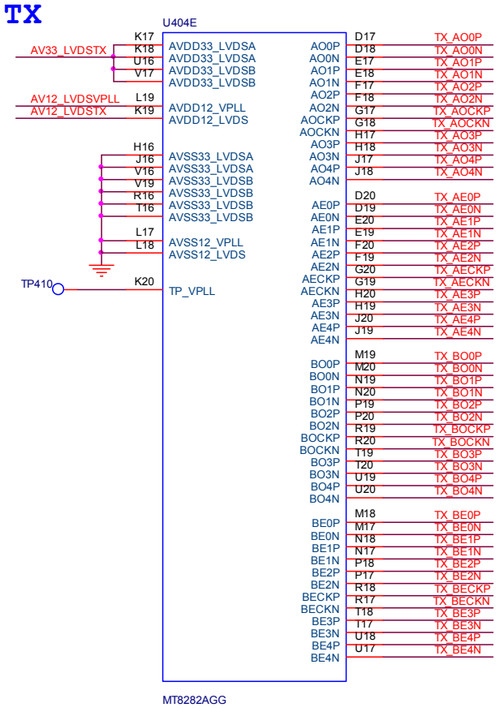
LVDS RX

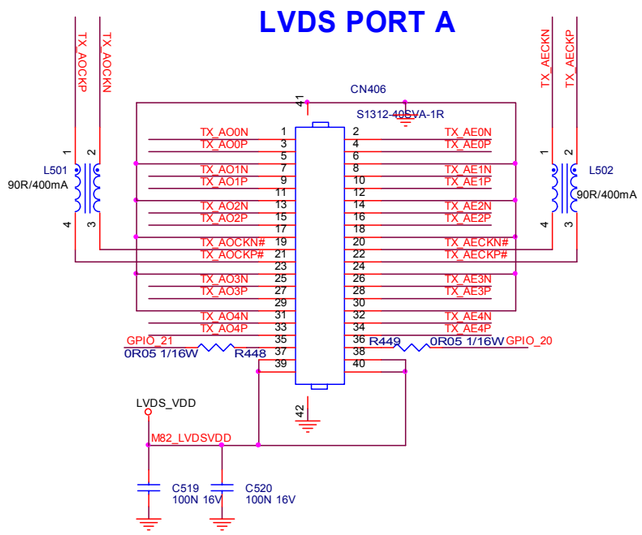


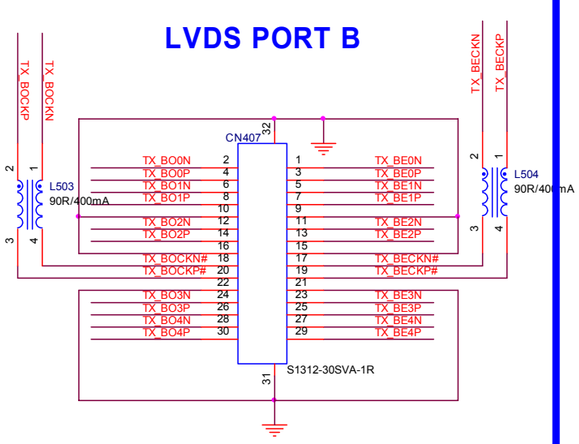


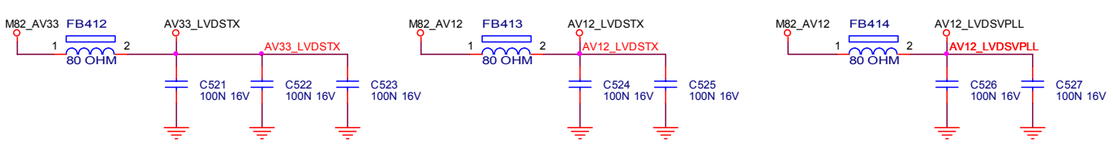


LVDS TX



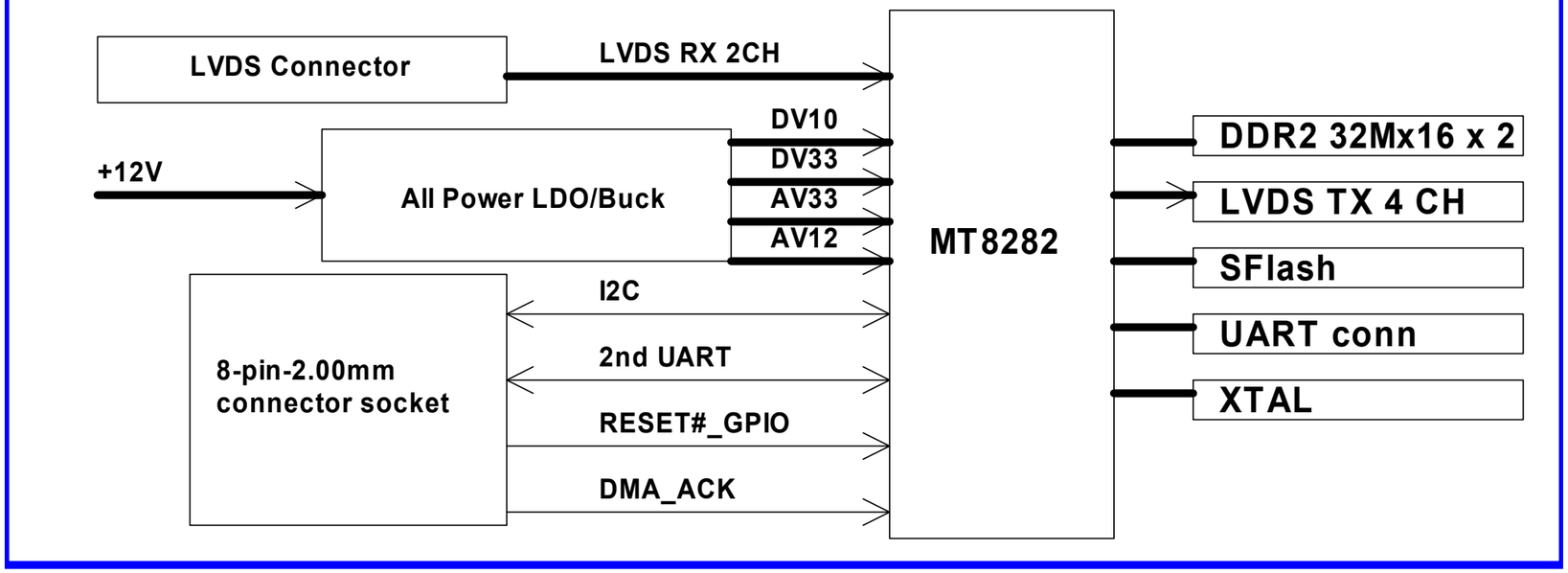




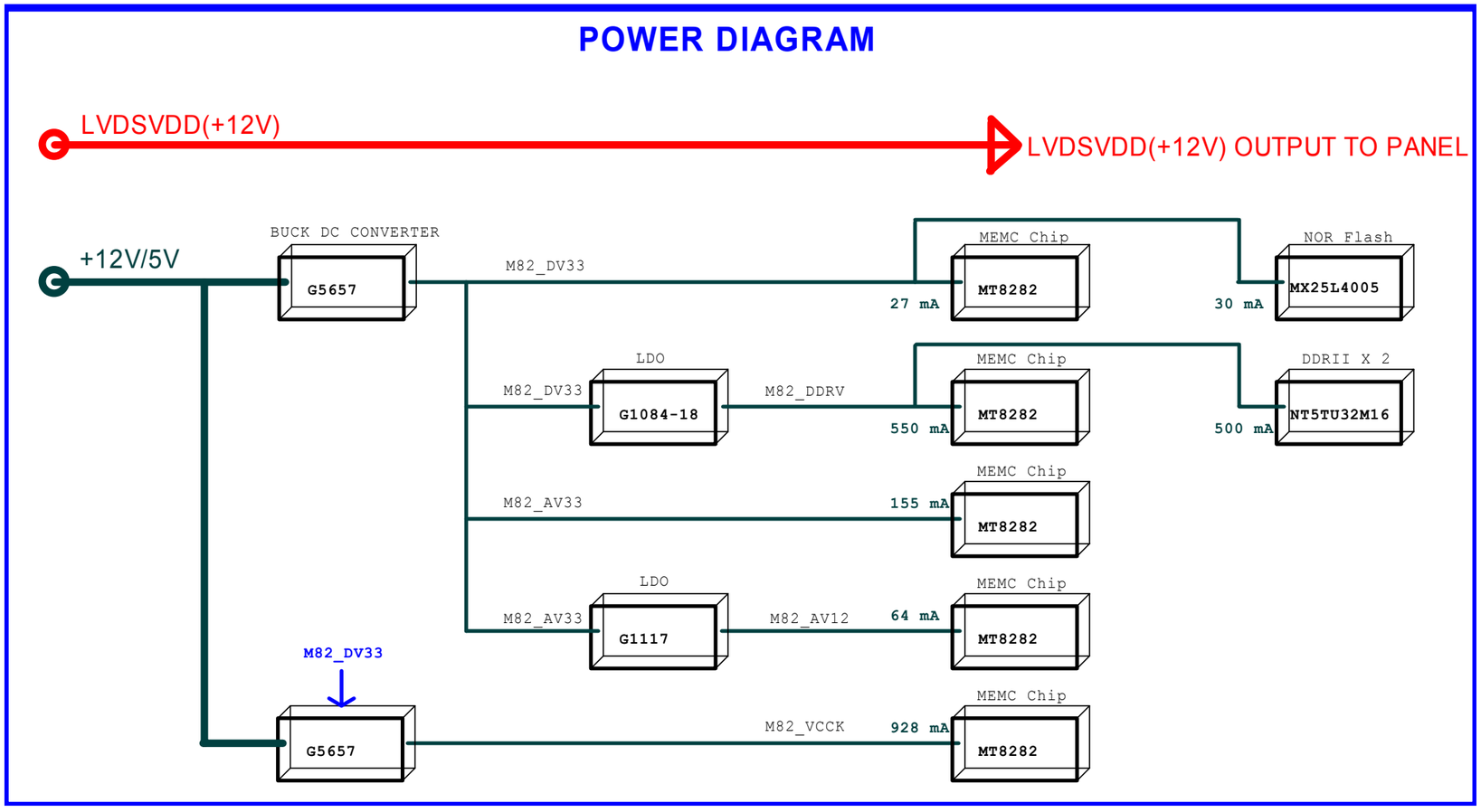


5. BLOCK & POWER DIAGRAM

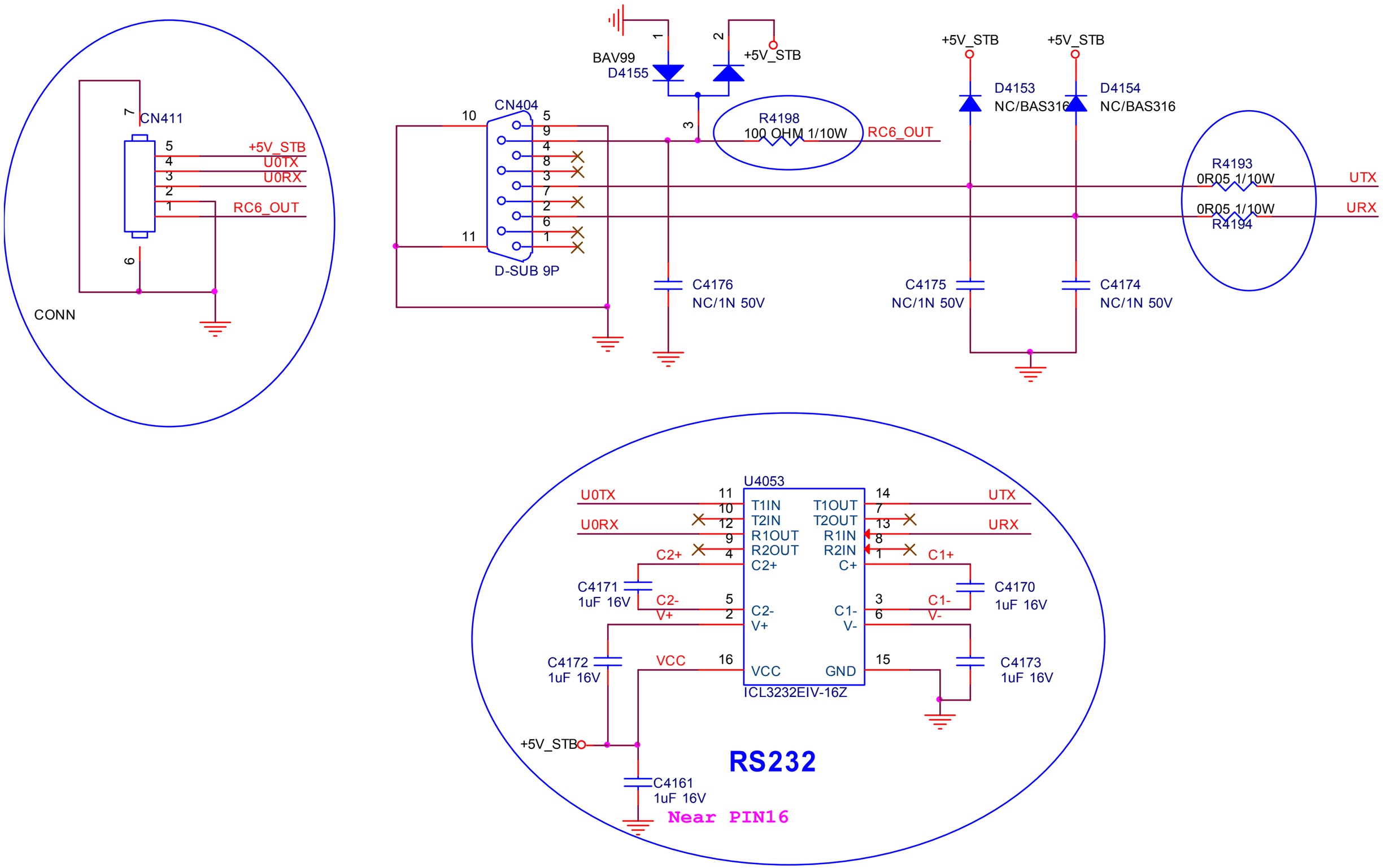
BLOCK DIAGRAM



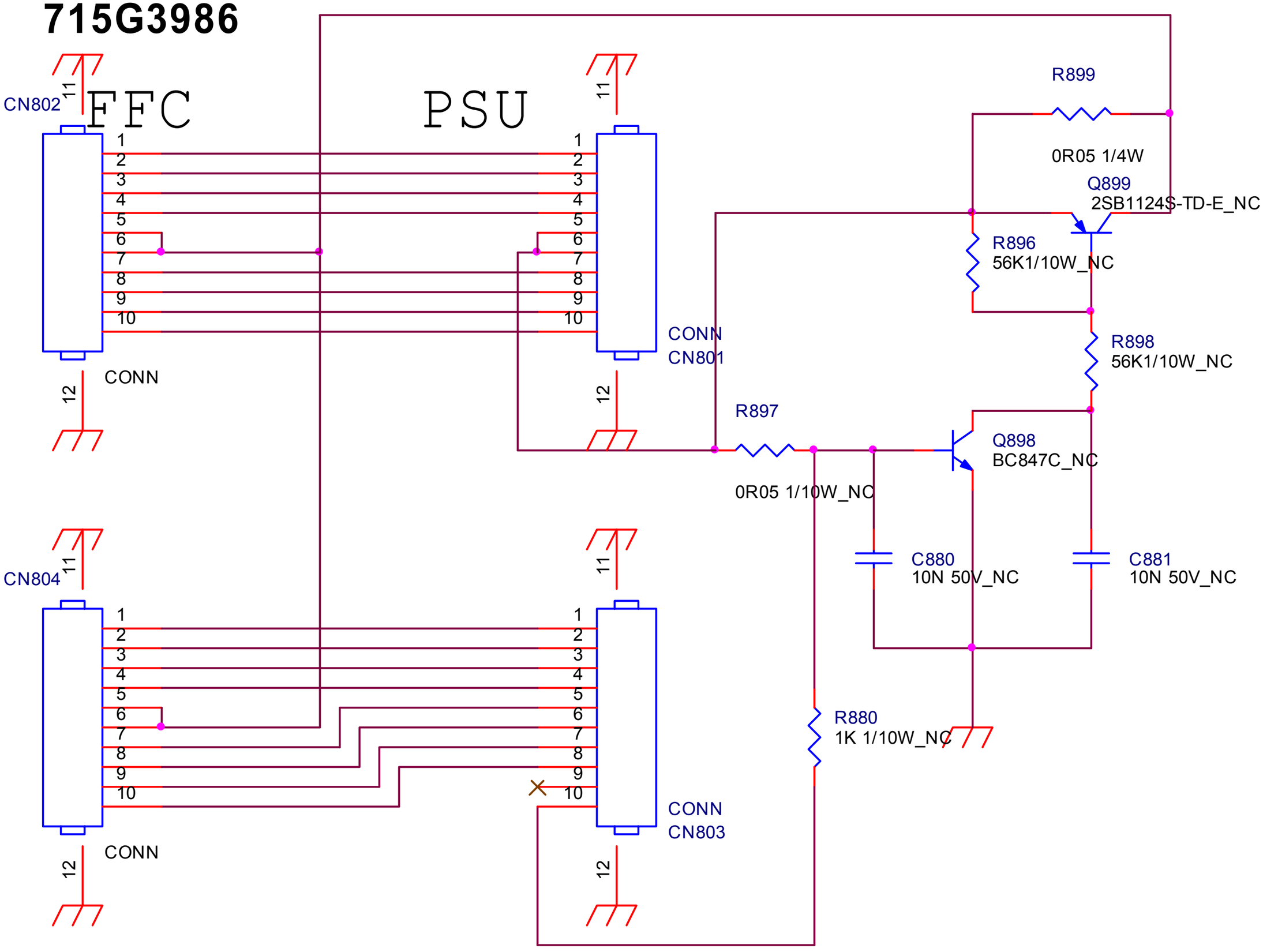
POWER DIAGRAM



[6] RS232 SCHEMATIC DIAGRAM

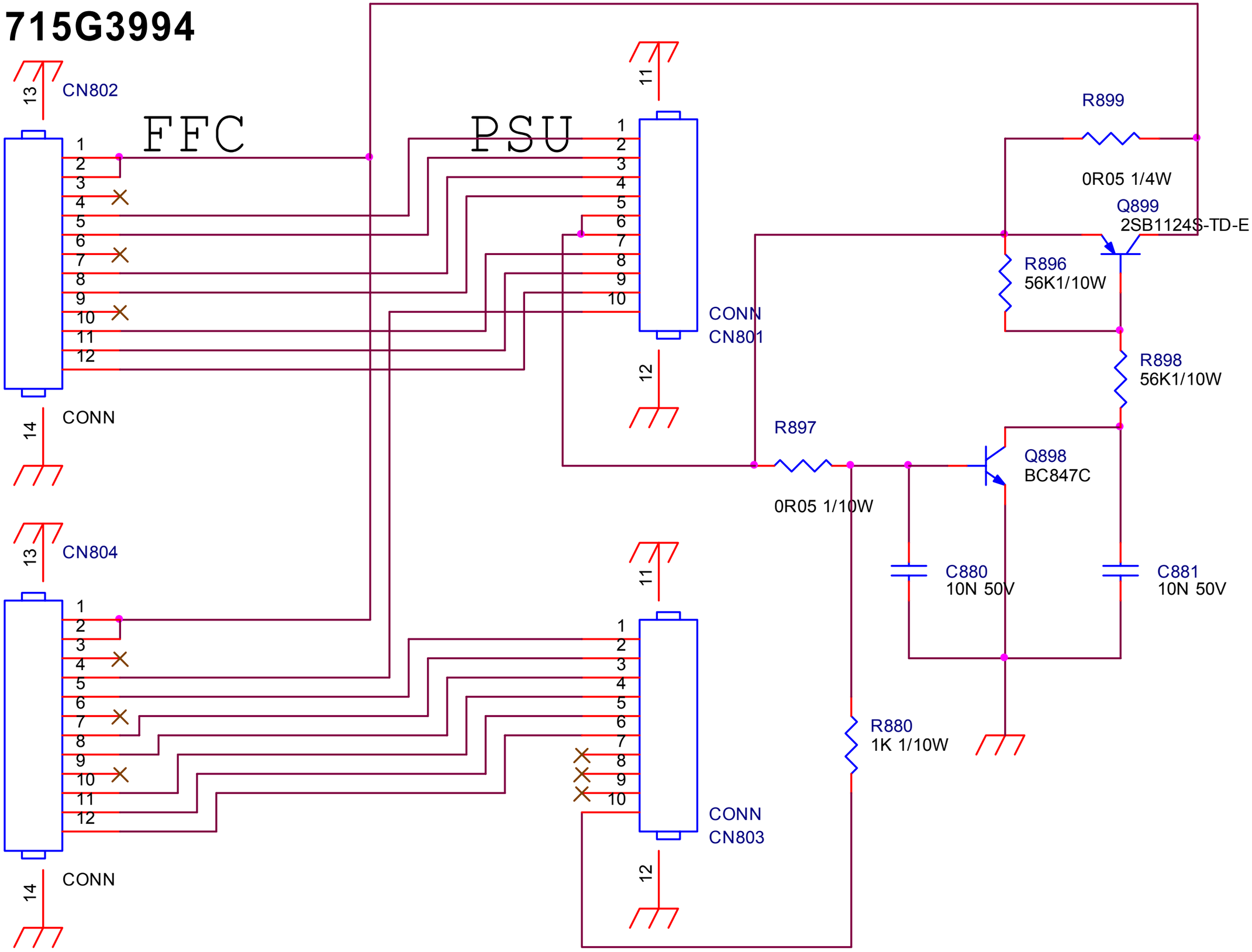


715G3986


CN802
FFC
PSU
CONN
CONN
CN801
CN804
CONN
CONN
CN803
R899
0R05 1/4W
Q899
2SB1124S-TD-E_NC
R896
56K1/10W_NC
R898
56K1/10W_NC
R897
0R05 1/10W_NC
Q898
BC847C_NC
C880
10N 50V_NC
C881
10N 50V_NC
R880
1K 1/10W_NC

Convert SCHEMATIC DIAGRAM (for 19” and 22” CMO panel)

715G3994



CHAPTER 9. PARTS GUIDE

[1] SPARE PARTS LIST

Model: LC_19LE320E(AUO)(E19AA2NBWLXPNS)

Item	TPV Code Number	SHARP 13NC	Description	Quantity
54	Z12T 61007	9JR1200000007	Rubber foot 15*3t	7
55	P01G0022 1	9JR0100000060	SCREW(40x30L)	3
56	Q45T 99609 79	9JR4500000013	EPE COVER FOR BASE	1
57	0Q1G 130 6120	9JR0100000057	SCREW (T3X6)	7
60	705TZA3461A	9JR7050000146	KEY COVER ASSY	1
91	P34T0452PAT 1T0100	9JR3400000011	BASE_NECK	1
92	0M1T 340 10120 GP	9JR0100000068	SCREW	4
93	0Q1T 930 8120	9JR0100000059	SCREW	9
94	0M1T1730 6120	9JR0100000036	SCREW 3*6MM	14
95	0Q1G 330 5106	9JR0100000058	SCREW	6
96	0M1T 330 6120	9JR0100000056	SCREW 42A9930014	1
126	Z40G 19084305A	9JR4000000107	RATING LABEL	1
130	Z40G000184337A	9JR4000000119	CARTON LABEL	1
135	705TZA4106B	9JR7050000198	DFU ASSY(Western Europe)(Eastern Europe)	1
136	705TZA4107A	9JR7050000150	DFU ASSY(North Europe)	1
450	P44G9022843 2A	9JR4400000080	CARTON	1
451	P44G9022101	9JR4400000064	CUSHION_TOP	1
452	P44G9022201	9JR4400000065	CUSHION_BTM	1
453	P45G 46026	9JR4500000010	PE BAG(560X450-0.72mm)	1
456	050G 600 2	9JR5000000004	HANDLE1	1
457	050G 600 3	9JR5000000005	HANDLE2	1
504	P40TD000813 9A	9JR4000000005	family sheet	1
505	P40TD00081311A	9JR4000000006	FAMILY SHEET	1
1050	750GLU185X1634M0BQ	9JR7500000029	PANEL M185XW01 V60B SH	1
1053	CBPFA4ABP7	9JR9900000081	MAIN PCB ASSY(NUTUNE TUNER)	0
1054	ADTVA3615PA4	9JR9900000079	POWER PCB ASSY	1
1055	PTPFAPA5	9JR9900000068	Interface PCB Assy	1
1056	IRPFAPA4	9JR9900000059	IR PCB ASSY	1
1057	KEPFAPA1	9JR9900000060	KEY PCB ASSY	1
1172	089G204A15NLS1	9JR8900000009	POWER CORD 1.5M PE8C5Z1B90A-04B	1
1176	098GRABD2NESPJ	9JR9800000005	REMOTE CONTROL RC-SHARP-420 FOR SHARP	1
1185	078G035A 10 M	9JR7800000024	SPEAKER 16 OHM 3.5W 80X23 230/290	1
1185	078G035A 10 Y	9JR7800000025	SPEAKER 16 OHM 3.5W 80X23 230/290	0
1186	017G DW904 LY	9JR1700000001	LED MODULE LYSB-2811B	1
8401	095G801413F948	9JR9500000128	HARNESS 13P-5P+3P 320mm	1
8401	095G801413X948	9JR9500000131	HARNESS 13P-5P+3P 320mm	0
8408	095G801840F923	9JR9500000135	HARNESS 30P-40P 60mm	1
8408	095G801840X923	9JR9500000136	HARNESS 30P-40P 60mm	0
8802	095G176J 10919	9JR9500000094	FFC CABLE 10P 340mm P0.5	1
8901	095G8021 3F905	9JR9500000089	HARNESS AC INLET-3P 60mm 75549	1
	705TZA1536A	9JR7050000211	MAIN FRAME ASSY	1
	705TZA34126	9JR7050000218	BEZEL ASSY	1
	705TZA34127	9JR7050000219	REAR COVER ASSY	1
	705TZA3463A	9JR7050000148	BASE ASSY	1
1053	CBPFA4ABP8	9JR9900000082	MAIN PCB ASSY(LG TUNER)	1
C1000	067G215C4713LV	9JR6700000216	EC 470uF 20% 16V RXY 8*9	1
C1001	065G0805106A5K T	9JR6500000424	CHIP 10uF 10V X5R 0805	1
C1003	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C1005	065G060327031J A	9JR6500000355	CAP CHIP 0603 27PF J 50V NPO	1
C1006	065G060327031J A	9JR6500000355	CAP CHIP 0603 27PF J 50V NPO	1
C1009	065G040210232K A	9JR6500000390	CAP 0402 1NF K 50V X7R	1
C1012	065G040247312K A	9JR6500000394	CAP CHIP 0402 47nF K 16V X7R	1
C1013	065G040247312K A	9JR6500000394	CAP CHIP 0402 47nF K 16V X7R	1
C1014	065G040247312K A	9JR6500000394	CAP CHIP 0402 47nF K 16V X7R	1
C1015	065G040247312K A	9JR6500000394	CAP CHIP 0402 47nF K 16V X7R	1
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C1017	065G040239031J A	9JR6500000415	CAP CHIP 0402 39PF J 50V NPO	1
C1018	065G040233031J A	9JR6500000414	CAP 0402 33PF J 50V NPO	1
C1019	065G040233031J A	9JR6500000414	CAP 0402 33PF J 50V NPO	1

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C1021	065G040222031J A	9JR6500000412	CAP 0402 22PF J 50V NPO	1
C1022	065G040233031J A	9JR6500000414	CAP 0402 33PF J 50V NPO	1
C1023	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C1024	065G060310605M Y	9JR6500000417	CAP CHIP 0603 10uF 6.3V X5R +/-20%	1
C1031	065G040210131J A	9JR6500000409	CAP 0402 100PF J 50V NPO	1
C1033	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C1034	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C1035	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
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C1072	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C1073	065G040282132K Y	9JR6500000416	CAP CHIP 0402 820P 50V X7R +/-10%	1
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C1077	065G0805106A5K T	9JR6500000424	CHIP 10uF 10V X5R 0805	1
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C1079	065G040210332K A	9JR6500000341	CAP 0402 10NF 50V X7R	1
C1082	065G040247031J A	9JR6500000393	CAP CHIP 0402 47PF J 50V NPO	1
C1083	065G040247031J A	9JR6500000393	CAP CHIP 0402 47PF J 50V NPO	1
C1085	065G040247031J A	9JR6500000393	CAP CHIP 0402 47PF J 50V NPO	1
C1086	065G040247031J A	9JR6500000393	CAP CHIP 0402 47PF J 50V NPO	1
C1088	065G0805106A5K T	9JR6500000424	CHIP 10uF 10V X5R 0805	1
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C1090	065G040210332K A	9JR6500000341	CAP 0402 10NF 50V X7R	1
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C1092	065G040210131J A	9JR6500000409	CAP 0402 100PF J 50V NPO	1
C1093	065G060322517Z Y	9JR6500000259	CAP CHIP 0603 2.2UF Z 16V Y5V	1
C1094	065G060310131J A	9JR6500000344	CAP CHIP 0603 100PF J 50V NPO SAMSUNG	1
C1095	065G120610625K T	9JR6500000428	CAP CHIP 1206 10uF K 25V X5R	1
C1096	065G060322517Z Y	9JR6500000259	CAP CHIP 0603 2.2UF Z 16V Y5V	1
C1097	065G060322517Z Y	9JR6500000259	CAP CHIP 0603 2.2UF Z 16V Y5V	1
C1098	065G080547517Z Y	9JR6500000426	CAP CHIP 0805 4.7UF Z 16V Y5V	1
C1099	065G040210131J A	9JR6500000409	CAP 0402 100PF J 50V NPO	1
C1100	065G060310131J A	9JR6500000344	CAP CHIP 0603 100PF J 50V NPO SAMSUNG	1
C1101	065G060310432K A	9JR6500000398	CAP CHIP 0603 100nF K 50V X7R	1
C1102	065G060382131J A	9JR6500000423	CAP CHIP 0603 820PF J 50V NPO	1
C1103	065G060382131J A	9JR6500000423	CAP CHIP 0603 820PF J 50V NPO	1
C1105	065G040210332K A	9JR6500000341	CAP 0402 10NF 50V X7R	1
C1106	065G040210332K A	9JR6500000341	CAP 0402 10NF 50V X7R	1
C1152	065G0402105A5K T	9JR6500000410	CAP CHIP 0402 1uF K 10V X5R	1
C1153	065G040215232K A	9JR6500000392	CAP CHIP 0402 1.5NF K 50V X7R	1
C1154	065G040210332K A	9JR6500000341	CAP 0402 10NF 50V X7R	1
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C1156	065G040215031J A	9JR6500000411	CAP CHIP 0402 15PF J 50V NPO	1
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C1158	065G060350931J A	9JR6500000422	MLCC 0603 5pF 50V NPO +-5% SAMSUNG	1
C1159	065G040210332K A	9JR6500000341	CAP 0402 10NF 50V X7R	1

C1160	065G040215031J A	9JR6500000411	CAP CHIP 0402 15PF J 50V NPO	1
C1161	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C1162	065G040215031J A	9JR6500000411	CAP CHIP 0402 15PF J 50V NPO	1
C1163	065G040210332K A	9JR6500000341	CAP 0402 10NF 50V X7R	1
C1164	065G0805106A5K T	9JR6500000424	CHIP 10uF 10V X5R 0805	1
C1165	065G0805106A5K T	9JR6500000424	CHIP 10uF 10V X5R 0805	1
C1167	065G0805106A5K T	9JR6500000424	CHIP 10uF 10V X5R 0805	1
C1168	065G0805106A5K T	9JR6500000424	CHIP 10uF 10V X5R 0805	1
C1170	065G040250931J A	9JR6500000395	CAP 0402 5PF J 50 NPO	1
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C1172	065G040250931J A	9JR6500000395	CAP 0402 5PF J 50 NPO	1
C1173	065G040215232K A	9JR6500000392	CAP CHIP 0402 1.5NF K 50V X7R	1
C1174	065G0805106A5K T	9JR6500000424	CHIP 10uF 10V X5R 0805	1
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C1179	065G040210332K A	9JR6500000341	CAP 0402 10NF 50V X7R	1
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C1183	065G0805106A5K T	9JR6500000424	CHIP 10uF 10V X5R 0805	1
C1185	065G040247312K A	9JR6500000394	CAP CHIP 0402 47nF K 16V X7R	1
C1187	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C1188	065G040247312K A	9JR6500000394	CAP CHIP 0402 47nF K 16V X7R	1
C1191	065G040247312K A	9JR6500000394	CAP CHIP 0402 47nF K 16V X7R	1
C1192	065G040247031J A	9JR6500000393	CAP CHIP 0402 47PF J 50V NPO	1
C1193	065G040210332K A	9JR6500000341	CAP 0402 10NF 50V X7R	1
C1194	065G040210332K A	9JR6500000341	CAP 0402 10NF 50V X7R	1
C4000	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4001	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4002	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4003	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
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C4006	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4007	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4008	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4009	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4010	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4011	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4012	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4013	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4014	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4015	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4016	065G0805106A5K T	9JR6500000424	CHIP 10uF 10V X5R 0805	1
C402	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C404	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4050	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4051	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4052	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4053	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4054	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4055	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4056	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4057	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4058	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4059	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C406	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4060	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4061	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4062	065G060310512K T	9JR6500000253	CAP CHIP 0603 1UF K 16V X7R	1
C4063	067G305M1013CB	9JR7100000091	EC 100UF 20% 16V SJ 6.3*7	1
C4064	065G0805106A5K T	9JR6500000424	CHIP 10uF 10V X5R 0805	1
C4067	065G060310512K T	9JR6500000253	CAP CHIP 0603 1UF K 16V X7R	1
C4068	065G060310512K T	9JR6500000253	CAP CHIP 0603 1UF K 16V X7R	1
C4069	065G060310512K T	9JR6500000253	CAP CHIP 0603 1UF K 16V X7R	1
C407	067G215H151 4C	9JR6700000218	EC 150UF 20% 25V SY 8*7	1
C4100	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1

C4101	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4102	067G 3111013LT	9JR6700000213	EC SMD 100uF 16V VEL 6.3x5.5mm	1
C4103	067G 3111013LT	9JR6700000213	EC SMD 100uF 16V VEL 6.3x5.5mm	1
C4104	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4105	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4106	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4107	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4108	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4109	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4110	065G0805106A5K T	9JR6500000424	CHIP 10uF 10V X5R 0805	1
C4111	065G060310512K T	9JR6500000253	CAP CHIP 0603 1UF K 16V X7R	1
C4112	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4113	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4114	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4115	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4116	065G060310512K T	9JR6500000253	CAP CHIP 0603 1UF K 16V X7R	1
C4117	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4118	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4119	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4120	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4121	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4122	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4123	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4124	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4125	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4126	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4127	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4128	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4129	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4130	065G040210332K A	9JR6500000341	CAP 0402 10NF 50V X7R	1
C4150	065G060310512K T	9JR6500000253	CAP CHIP 0603 1UF K 16V X7R	1
C4151	065G060310512K T	9JR6500000253	CAP CHIP 0603 1UF K 16V X7R	1
C4152	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4154	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4156	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4157	065G060310432K A	9JR6500000398	CAP CHIP 0603 100nF K 50V X7R	1
C4158	065G060322517Z Y	9JR6500000259	CAP CHIP 0603 2.2UF Z 16V Y5V	1
C4159	065G060310432K A	9JR6500000398	CAP CHIP 0603 100nF K 50V X7R	1
C4160	065G060310432K A	9JR6500000398	CAP CHIP 0603 100nF K 50V X7R	1
C4161	065G060310512K T	9JR6500000253	CAP CHIP 0603 1UF K 16V X7R	1
C4163	065G040210031J A	9JR6500000408	CAP CHIP 0402 10pF J 50V NPO	1
C4164	065G040210031J A	9JR6500000408	CAP CHIP 0402 10pF J 50V NPO	1
C4165	065G040210232K A	9JR6500000390	CAP 0402 1NF K 50V X7R	1
C4166	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4167	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4168	065G0603475A5K T	9JR6500000421	CAP CHIP 0603 4.7UF K 10V X5R	1
C4169	065G060310605M Y	9JR6500000417	CAP CHIP 0603 10uF 6.3V X5R +/-20%	1
C4170	065G060310512K T	9JR6500000253	CAP CHIP 0603 1UF K 16V X7R	1
C4171	065G060310512K T	9JR6500000253	CAP CHIP 0603 1UF K 16V X7R	1
C4172	065G060310512K T	9JR6500000253	CAP CHIP 0603 1UF K 16V X7R	1
C4173	065G060310512K T	9JR6500000253	CAP CHIP 0603 1UF K 16V X7R	1
C4174	065G060310432K A	9JR6500000398	CAP CHIP 0603 100nF K 50V X7R	1
C4201	065G0805106A5K T	9JR6500000424	CHIP 10uF 10V X5R 0805	1
C4202	065G0805106A5K T	9JR6500000424	CHIP 10uF 10V X5R 0805	1
C4203	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4204	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4205	065G040210031J A	9JR6500000408	CAP CHIP 0402 10pF J 50V NPO	1
C4206	065G040210031J A	9JR6500000408	CAP CHIP 0402 10pF J 50V NPO	1
C4207	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C503	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C504	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C505	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C506	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C507	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C510	065G0603475A5K T	9JR6500000421	CAP CHIP 0603 4.7UF K 10V X5R	1
C511	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C516	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1

C517	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C601	065G0805106A5K T	9JR6500000424	CHIP 10uF 10V X5R 0805	1
C602	065G060310432K A	9JR6500000398	CAP CHIP 0603 100nF K 50V X7R	1
C603	065G060310432K A	9JR6500000398	CAP CHIP 0603 100nF K 50V X7R	1
C604	067G 3112213LT	9JR6700000222	EC SMD 220UF 16V VEJ 6.3*7.7	1
C605	065G060310512K T	9JR6500000253	CAP CHIP 0603 1UF K 16V X7R	1
C606	065G060310512K T	9JR6500000253	CAP CHIP 0603 1UF K 16V X7R	1
C608	065G0603225A5K T	9JR6500000419	CAP CHIP 0603 2.2uF K 10V X5R	1
C609	065G060310512K T	9JR6500000253	CAP CHIP 0603 1UF K 16V X7R	1
C610	065G0603225A5K T	9JR6500000419	CAP CHIP 0603 2.2uF K 10V X5R	1
C611	065G040210332K A	9JR6500000341	CAP 0402 10NF 50V X7R	1
C613	065G060310432K A	9JR6500000398	CAP CHIP 0603 100nF K 50V X7R	1
C614	065G040210232K A	9JR6500000390	CAP 0402 1NF K 50V X7R	1
C615	065G080510522K Y	9JR6500000170	CAP CHIP 0805 1UF K 25V X7R	1
C616	065G060310522K T	9JR6500000399	CAP CHIP 0603 1UF K 25V X7R	1
C617	065G060310522K T	9JR6500000399	CAP CHIP 0603 1UF K 25V X7R	1
C618	065G060310432K A	9JR6500000398	CAP CHIP 0603 100nF K 50V X7R	1
C619	065G040210232K A	9JR6500000390	CAP 0402 1NF K 50V X7R	1
C620	065G080533432K A	9JR6500000425	CAP CHIP 0805 0.33uF K 50V X7R	1
C621	065G060347412K A	9JR6500000420	CAP CHIP 0603 470nF K 16V X7R	1
C622	065G060347412K A	9JR6500000420	CAP CHIP 0603 470nF K 16V X7R	1
C623	065G060347412K A	9JR6500000420	CAP CHIP 0603 470nF K 16V X7R	1
C624	065G060347412K A	9JR6500000420	CAP CHIP 0603 470nF K 16V X7R	1
C625	065G080533432K A	9JR6500000425	CAP CHIP 0805 0.33uF K 50V X7R	1
C626	065G080533432K A	9JR6500000425	CAP CHIP 0805 0.33uF K 50V X7R	1
C627	065G060322422K A	9JR6500000418	MLCC 0603 220nF 25V X7R +/-10% SAMSUNG	1
C628	065G060322422K A	9JR6500000418	MLCC 0603 220nF 25V X7R +/-10% SAMSUNG	1
C629	065G060322422K A	9JR6500000418	MLCC 0603 220nF 25V X7R +/-10% SAMSUNG	1
C630	065G060322422K A	9JR6500000418	MLCC 0603 220nF 25V X7R +/-10% SAMSUNG	1
C631	065G080533432K A	9JR6500000425	CAP CHIP 0805 0.33uF K 50V X7R	1
C632	065G040210232K A	9JR6500000390	CAP 0402 1NF K 50V X7R	1
C633	067G 3112217CT	9JR6700000215	EC SMD 220UF 20% 50V HV 10*10.5	1
C634	067G 3112217CT	9JR6700000215	EC SMD 220UF 20% 50V HV 10*10.5	1
C636	065G040210232K A	9JR6500000390	CAP 0402 1NF K 50V X7R	1
C638	065G040210232K A	9JR6500000390	CAP 0402 1NF K 50V X7R	1
C641	065G040210232K A	9JR6500000390	CAP 0402 1NF K 50V X7R	1
C642	065G0805106A5K T	9JR6500000424	CHIP 10uF 10V X5R 0805	1
C643	065G0805106A5K T	9JR6500000424	CHIP 10uF 10V X5R 0805	1
C644	065G040222232K A	9JR6500000413	CAP CHIP 0402 2.2NF K 50V X7R	1
C645	065G040222232K A	9JR6500000413	CAP CHIP 0402 2.2NF K 50V X7R	1
C646	065G040210332K A	9JR6500000341	CAP 0402 10NF 50V X7R	1
C647	065G040210332K A	9JR6500000341	CAP 0402 10NF 50V X7R	1
C702	067G215C4713LV	9JR6700000216	EC 470uF 20% 16V RXY 8*9	1
C705	065G060310512K T	9JR6500000253	CAP CHIP 0603 1UF K 16V X7R	1
C706	065G060310512K T	9JR6500000253	CAP CHIP 0603 1UF K 16V X7R	1
C707	065G060310432K A	9JR6500000398	CAP CHIP 0603 100nF K 50V X7R	1
C708	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C709	065G060310512K T	9JR6500000253	CAP CHIP 0603 1UF K 16V X7R	1
C711	065G060310432K A	9JR6500000398	CAP CHIP 0603 100nF K 50V X7R	1
C712	065G0805106A5K T	9JR6500000424	CHIP 10uF 10V X5R 0805	1
C713	065G1206226A5K T	9JR6500000429	CAP CHIP1206 22uF K 10V X5R	1
C714	065G1206226A5K T	9JR6500000429	CAP CHIP1206 22uF K 10V X5R	1
C715	065G060310432K A	9JR6500000398	CAP CHIP 0603 100nF K 50V X7R	1
C716	065G060310432K A	9JR6500000398	CAP CHIP 0603 100nF K 50V X7R	1
C717	065G060310432K A	9JR6500000398	CAP CHIP 0603 100nF K 50V X7R	1
C718	065G060310432K A	9JR6500000398	CAP CHIP 0603 100nF K 50V X7R	1
C719	065G1206226A5K T	9JR6500000429	CAP CHIP1206 22uF K 10V X5R	1
C720	065G060356131J A	9JR6500000360	CAP CHIP 0603 560PF J 50V NPO	1
C721	065G1206226A5K T	9JR6500000429	CAP CHIP1206 22uF K 10V X5R	1
C722	065G060356131J A	9JR6500000360	CAP CHIP 0603 560PF J 50V NPO	1
C723	065G1206226A5K T	9JR6500000429	CAP CHIP1206 22uF K 10V X5R	1
C724	065G1206226A5K T	9JR6500000429	CAP CHIP1206 22uF K 10V X5R	1
C725	065G060310512K T	9JR6500000253	CAP CHIP 0603 1UF K 16V X7R	1
C726	065G1206226A5K T	9JR6500000429	CAP CHIP1206 22uF K 10V X5R	1
C727	065G060310512K T	9JR6500000253	CAP CHIP 0603 1UF K 16V X7R	1
C728	065G1206226A5K T	9JR6500000429	CAP CHIP1206 22uF K 10V X5R	1
C729	065G120610612K T	9JR6500000427	CAP CHIP 1206 10UF K 16V X7R	1

C730	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C731	065G060310522K T	9JR6500000399	CAP CHIP 0603 1UF K 25V X7R	1
C732	065G120610625K T	9JR6500000428	CAP CHIP 1206 10uF K 25V X5R	1
C733	065G060310512K T	9JR6500000253	CAP CHIP 0603 1UF K 16V X7R	1
C734	067G215H101 4C	9JR6700000217	EC 100UF 20% 25V SY 8*7	1
C735	065G1206226A5K T	9JR6500000429	CAP CHIP1206 22uF K 10V X5R	1
C752	067G305M1013CB	9JR7100000091	EC 100UF 20% 16V SJ 6.3*7	1
C753	067G305M1013CB	9JR7100000091	EC 100UF 20% 16V SJ 6.3*7	1
C754	065G060310512K T	9JR6500000253	CAP CHIP 0603 1UF K 16V X7R	1
C755	065G0603475A5K T	9JR6500000421	CAP CHIP 0603 4.7UF K 10V X5R	1
C756	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C758	065G060310512K T	9JR6500000253	CAP CHIP 0603 1UF K 16V X7R	1
C764	065G0805106A5K T	9JR6500000424	CHIP 10uF 10V X5R 0805	1
C765	065G060310512K T	9JR6500000253	CAP CHIP 0603 1UF K 16V X7R	1
C766	065G060310512K T	9JR6500000253	CAP CHIP 0603 1UF K 16V X7R	1
C767	065G0805106A5K T	9JR6500000424	CHIP 10uF 10V X5R 0805	1
C768	065G080510615K T	9JR6500000406	CHIP 10uF 16V X5R 0805	1
C769	065G0805106A5K T	9JR6500000424	CHIP 10uF 10V X5R 0805	1
CN101	088G353A15FCSL	9JR8800000115	D-SUB 15PIN FEMALE VERTICAL SCREWED	1
CN102	088G 302 69 YG	9JR8800000099	PHONE JACK 3P GREEN 10.5mm V/T	1
CN103	088G 352 14 YG	9JR8800000102	USB CONN A TYPE SPRING	1
CN111	088G 7813C 60 YG	9JR8800000097	RCA JACK 1*3 G/BL/R 10.5mm	1
CN116	088G 7813B78C	9JR8800000096	RCA JACK 1*3 W/R/B V/T	1
CN136	088G 7813C75C	9JR8800000098	RCA JACK 1*3 Y/W/R	1
CN140	088G 78 13 78 YG	9JR8800000095	RCA JACK 1*3 Y/W/R V/T 10.5mm	1
CN151	088G 35521G C	9JR8800000104	SCART CONN. 21P V/T 10.5mm	1
CN159	088G 50019A VA	9JR8800000105	PCMCIA CONN 11112203	1
CN401	033G380213B Y	9JR3300000073	CONNECTOR	1
CN404	088G 353 9MCLS	9JR8800000119	D-SUB CONN SCREWED 9P 10.5mm V/T	1
CN408	033G8033 40 X	9JR3300000063	CON. V 2*20P M 1.25 SM S1312-40SVA-1R	1
CN502	088G 34019H VD	9JR8800000100	HDMI HEADER 19P V/T H:13.0mm	1
CN506	088G 34019KA1V	9JR8800000113	HDMI HEADER 19P H: 2.8mm with spring	1
CN601	033G3278 4D	9JR3300000076	2.5mm Pitch Wafer	1
CN602	088G 30211K	9JR8800000058	PHONE JACK 5PIN	1
CN701	033G327813D	9JR3300000077	CONNECTOR	1
D1050	093G 64S900 T	9JR9300000107	DIODE BAS316 SOT-323 PHILIPS	1
D1051	093G 64S900 T	9JR9300000107	DIODE BAS316 SOT-323 PHILIPS	1
D1052	093G 64S900 T	9JR9300000107	DIODE BAS316 SOT-323 PHILIPS	1
D1054	093G 64S900 T	9JR9300000107	DIODE BAS316 SOT-323 PHILIPS	1
D1056	093G 64S900 T	9JR9300000107	DIODE BAS316 SOT-323 PHILIPS	1
D1057	093G 64S900 T	9JR9300000107	DIODE BAS316 SOT-323 PHILIPS	1
D1060	093G 64S900 T	9JR9300000107	DIODE BAS316 SOT-323 PHILIPS	1
D1061	093G 64S900 T	9JR9300000107	DIODE BAS316 SOT-323 PHILIPS	1
D1063	093G 64S900 T	9JR9300000107	DIODE BAS316 SOT-323 PHILIPS	1
D1064	093G 64S900 T	9JR9300000107	DIODE BAS316 SOT-323 PHILIPS	1
D1150	093G 64S900 T	9JR9300000107	DIODE BAS316 SOT-323 PHILIPS	1
D1151	093G 64S900 T	9JR9300000107	DIODE BAS316 SOT-323 PHILIPS	1
D1152	093G 64S900 T	9JR9300000107	DIODE BAS316 SOT-323 PHILIPS	1
D1153	093G 64S900 T	9JR9300000107	DIODE BAS316 SOT-323 PHILIPS	1
D1154	093G 64S900 T	9JR9300000107	DIODE BAS316 SOT-323 PHILIPS	1
D1155	093G 64S900 T	9JR9300000107	DIODE BAS316 SOT-323 PHILIPS	1
D1156	093G 64S900 T	9JR9300000107	DIODE BAS316 SOT-323 PHILIPS	1
D1157	093G 64S900 T	9JR9300000107	DIODE BAS316 SOT-323 PHILIPS	1
D1158	093G 64S900 T	9JR9300000107	DIODE BAS316 SOT-323 PHILIPS	1
D1159	093G 64S900 T	9JR9300000107	DIODE BAS316 SOT-323 PHILIPS	1
D1160	093G 64S900 T	9JR9300000107	DIODE BAS316 SOT-323 PHILIPS	1
D1161	093G 64S900 T	9JR9300000107	DIODE BAS316 SOT-323 PHILIPS	1
D1166	093G 64S900 T	9JR9300000107	DIODE BAS316 SOT-323 PHILIPS	1
D1167	093G 64S900 T	9JR9300000107	DIODE BAS316 SOT-323 PHILIPS	1
D1170	093G 64S900 T	9JR9300000107	DIODE BAS316 SOT-323 PHILIPS	1
D1171	093G 64S900 T	9JR9300000107	DIODE BAS316 SOT-323 PHILIPS	1
D1172	093G 64S900 T	9JR9300000107	DIODE BAS316 SOT-323 PHILIPS	1
D1173	093G 64S900 T	9JR9300000107	DIODE BAS316 SOT-323 PHILIPS	1
D4050	093G 6433S	9JR9300000062	DIODE BAV99 SEMTECH	1
D4051	093G 6433S	9JR9300000062	DIODE BAV99 SEMTECH	1
D4151	093G 6433S	9JR9300000062	DIODE BAV99 SEMTECH	1
D4152	093G 6433S	9JR9300000062	DIODE BAV99 SEMTECH	1

D4155	093G 6433S	9JR9300000062	DIODE BAV99 SEMTECH	1
D501	093G 64S900 T	9JR9300000107	DIODE BAS316 SOT-323 PHILIPS	1
D502	093G 64S900 T	9JR9300000107	DIODE BAS316 SOT-323 PHILIPS	1
D506	093G 64S900 T	9JR9300000107	DIODE BAS316 SOT-323 PHILIPS	1
D507	093G 64S900 T	9JR9300000107	DIODE BAS316 SOT-323 PHILIPS	1
D508	093G 64S900 T	9JR9300000107	DIODE BAS316 SOT-323 PHILIPS	1
D509	093G 64S900 T	9JR9300000107	DIODE BAS316 SOT-323 PHILIPS	1
D510	093G 64S900 T	9JR9300000107	DIODE BAS316 SOT-323 PHILIPS	1
D603	093G 64S900 T	9JR9300000107	DIODE BAS316 SOT-323 PHILIPS	1
D604	093G 64S900 T	9JR9300000107	DIODE BAS316 SOT-323 PHILIPS	1
D606	093G 64S900 T	9JR9300000107	DIODE BAS316 SOT-323 PHILIPS	1
D607	093G 64S900 T	9JR9300000107	DIODE BAS316 SOT-323 PHILIPS	1
D608	093G 64S900 T	9JR9300000107	DIODE BAS316 SOT-323 PHILIPS	1
D702	093G 60S922 T	9JR9300000167	DIODE FB340M DO-222AA	1
D703	093G 64S900 T	9JR9300000107	DIODE BAS316 SOT-323 PHILIPS	1
D704	093G 64S900 T	9JR9300000107	DIODE BAS316 SOT-323 PHILIPS	1
FB1000	071G 59A121 TA	9JR7100000031	CHIP BEAD 120R/3000mA HCB1608KF-121T30	1
FB1002	071G 59A121 TA	9JR7100000031	CHIP BEAD 120R/3000mA HCB1608KF-121T30	1
FB1003	071G 59A121 TA	9JR7100000031	CHIP BEAD 120R/3000mA HCB1608KF-121T30	1
FB1004	071G 59A121 TA	9JR7100000031	CHIP BEAD 120R/3000mA HCB1608KF-121T30	1
FB1005	071G 59A121 TA	9JR7100000031	CHIP BEAD 120R/3000mA HCB1608KF-121T30	1
FB1006	071G 56A221 TA	9JR7100000039	IND FXD 0805 EMI 100MHZ 220R R	1
FB1007	071G 59A121 TA	9JR7100000031	CHIP BEAD 120R/3000mA HCB1608KF-121T30	1
FB1009	071G 59A121 TA	9JR7100000031	CHIP BEAD 120R/3000mA HCB1608KF-121T30	1
FB1011	071G 59A121 TA	9JR7100000031	CHIP BEAD 120R/3000mA HCB1608KF-121T30	1
FB1012	071G 59A121 TA	9JR7100000031	CHIP BEAD 120R/3000mA HCB1608KF-121T30	1
FB1013	071G 59A121 TA	9JR7100000031	CHIP BEAD 120R/3000mA HCB1608KF-121T30	1
FB1014	071G 59A121 TA	9JR7100000031	CHIP BEAD 120R/3000mA HCB1608KF-121T30	1
FB1017	071G 59A121 TA	9JR7100000031	CHIP BEAD 120R/3000mA HCB1608KF-121T30	1
FB1018	071G 59A121 TA	9JR7100000031	CHIP BEAD 120R/3000mA HCB1608KF-121T30	1
FB1020	071G 59A121 TA	9JR7100000031	CHIP BEAD 120R/3000mA HCB1608KF-121T30	1
FB1021	071G 59A121 TA	9JR7100000031	CHIP BEAD 120R/3000mA HCB1608KF-121T30	1
FB1022	071G 59A121 TA	9JR7100000031	CHIP BEAD 120R/3000mA HCB1608KF-121T30	1
FB1023	071G 59C600 TA	9JR7100000044	CHIP BEAD 60ohm 600mA FCM1608CF-600T06	1
FB1024	071G 59A121 TA	9JR7100000031	CHIP BEAD 120R/3000mA HCB1608KF-121T30	1
FB1025	071G 59A121 TA	9JR7100000031	CHIP BEAD 120R/3000mA HCB1608KF-121T30	1
FB1052	071G 59C800 TA	9JR7100000066	CHIP BEAD 80R 400mA FCM16008CF-800T04	1
FB1053	071G 59C800 TA	9JR7100000066	CHIP BEAD 80R 400mA FCM16008CF-800T04	1
FB1054	071G 59C800 TA	9JR7100000066	CHIP BEAD 80R 400mA FCM16008CF-800T04	1
FB1158	071G 59C800 TA	9JR7100000066	CHIP BEAD 80R 400mA FCM16008CF-800T04	1
FB1159	071G 59C800 TA	9JR7100000066	CHIP BEAD 80R 400mA FCM16008CF-800T04	1
FB1160	071G 59C800 TA	9JR7100000066	CHIP BEAD 80R 400mA FCM16008CF-800T04	1
FB1161	071G 59C800 TA	9JR7100000066	CHIP BEAD 80R 400mA FCM16008CF-800T04	1
FB1162	071G 59C800 TA	9JR7100000066	CHIP BEAD 80R 400mA FCM16008CF-800T04	1
FB1163	071G 59C800 TA	9JR7100000066	CHIP BEAD 80R 400mA FCM16008CF-800T04	1
FB1164	071G 59C800 TA	9JR7100000066	CHIP BEAD 80R 400mA FCM16008CF-800T04	1
FB1165	071G 59C800 TA	9JR7100000066	CHIP BEAD 80R 400mA FCM16008CF-800T04	1
FB1167	071G 59C601 TA	9JR7100000032	CHIP BEAD 600R/200mA FCM1608K-601T02	1
FB1168	071G 59C601 TA	9JR7100000032	CHIP BEAD 600R/200mA FCM1608K-601T02	1
FB4000	071G 59A121 TA	9JR7100000031	CHIP BEAD 120R/3000mA HCB1608KF-121T30	1
FB402	071G 59A121 TA	9JR7100000031	CHIP BEAD 120R/3000mA HCB1608KF-121T30	1
FB403	071G 59A121 TA	9JR7100000031	CHIP BEAD 120R/3000mA HCB1608KF-121T30	1
FB4057	071G 59D121 TA	9JR7100000033	CHIP BEAD 120R/600mA FCM1608KF-121T06	1
FB4058	071G 59D121 TA	9JR7100000033	CHIP BEAD 120R/600mA FCM1608KF-121T06	1
FB4060	071G 56A221 TA	9JR7100000039	IND FXD 0805 EMI 100MHZ 220R R	1
FB4100	071G 59D121 TA	9JR7100000033	CHIP BEAD 120R/600mA FCM1608KF-121T06	1
FB4151	071G 59D121 TA	9JR7100000033	CHIP BEAD 120R/600mA FCM1608KF-121T06	1
FB4152	071G 59C601 TA	9JR7100000032	CHIP BEAD 600R/200mA FCM1608K-601T02	1
FB4200	071G 56A221 TA	9JR7100000039	IND FXD 0805 EMI 100MHZ 220R R	1
FB501	071G 59C601 TA	9JR7100000032	CHIP BEAD 600R/200mA FCM1608K-601T02	1
FB503	071G 59C601 TA	9JR7100000032	CHIP BEAD 600R/200mA FCM1608K-601T02	1
FB601	071G 59A121 TA	9JR7100000031	CHIP BEAD 120R/3000mA HCB1608KF-121T30	1
FB605	071G 56A221 TA	9JR7100000039	IND FXD 0805 EMI 100MHZ 220R R	1
FB606	071G 56A221 TA	9JR7100000039	IND FXD 0805 EMI 100MHZ 220R R	1
FB701	071G 59A121 TA	9JR7100000031	CHIP BEAD 120R/3000mA HCB1608KF-121T30	1
FB702	071G 59A121 TA	9JR7100000031	CHIP BEAD 120R/3000mA HCB1608KF-121T30	1
FB704	071G 56A221 TA	9JR7100000039	IND FXD 0805 EMI 100MHZ 220R R	1

FB705	071G 56A221 TA	9JR7100000039	IND FXD 0805 EMI 100MHZ 220R R	1
FB706	071G 56A221 TA	9JR7100000039	IND FXD 0805 EMI 100MHZ 220R R	1
FB707	071G 56A221 TA	9JR7100000039	IND FXD 0805 EMI 100MHZ 220R R	1
FB751	071G 56A221 TA	9JR7100000039	IND FXD 0805 EMI 100MHZ 220R R	1
L1000	073G 63228 TA	9JR7300000079	CHIP INDUCTOR 1608 0.22UH +-10% 0.8R	1
L1001	073G 63228 TA	9JR7300000079	CHIP INDUCTOR 1608 0.22UH +-10% 0.8R	1
L1002	073G 63338 TA	9JR7300000080	CHIP INDUCTOR 1608 0.33UH +-10% 0.85R	1
L1003	073G 63338 TA	9JR7300000080	CHIP INDUCTOR 1608 0.33UH +-10% 0.85R	1
L1050	073G 63189 TA	9JR7300000056	CHIP INDUCTOR 1U8 10% FCI1608F-1R8K	1
L1051	073G 63189 TA	9JR7300000056	CHIP INDUCTOR 1U8 10% FCI1608F-1R8K	1
L401	073G253S901 TA	9JR7300000097	SMD CHOKE -- 20% 0.09R WCM2012F2SF-900T0	1
L402	073G253S901 TA	9JR7300000097	SMD CHOKE -- 20% 0.09R WCM2012F2SF-900T0	1
L4150	073G 63828 TA	9JR7300000057	CHIP INDUCROR 0U82 10% FCI1608F-R82K	1
L601	073G 259903 T	9JR7300000083	CHOKE 47uH+/-10% TSL0808RA-470K1R2-PF	1
L602	073G 259903 T	9JR7300000083	CHOKE 47uH+/-10% TSL0808RA-470K1R2-PF	1
L603	073G 259903 T	9JR7300000083	CHOKE 47uH+/-10% TSL0808RA-470K1R2-PF	1
L604	073G 259903 T	9JR7300000083	CHOKE 47uH+/-10% TSL0808RA-470K1R2-PF	1
L701	073G253SA46 T	9JR7300000098	SMD INDUCTOR 4.7uH+/-20% 26.6mohm 2.8A	1
L702	073G253SA46 T	9JR7300000098	SMD INDUCTOR 4.7uH+/-20% 26.6mohm 2.8A	1
Q1050	057G 760900	9JR5700000057	DIGITAL TR DTC623TK SMT3	1
Q1051	057G 760900	9JR5700000057	DIGITAL TR DTC623TK SMT3	1
Q1150	057G 477900 T	9JR5700000052	TRA SIG SM BC847C (KEC0) R	1
Q1151	057G 760900	9JR5700000057	DIGITAL TR DTC623TK SMT3	1
Q1152	057G 760900	9JR5700000057	DIGITAL TR DTC623TK SMT3	1
Q1155	057G 759 2	9JR5700000055	RK7002FD5T116 SOT-23 BY ROHM	1
Q1156	057G 759 2	9JR5700000055	RK7002FD5T116 SOT-23 BY ROHM	1
Q1157	057G 477900 T	9JR5700000052	TRA SIG SM BC847C (KEC0) R	1
Q401	057G 417511	9JR5700000001	MMBT3904	1
Q402	057G 417511	9JR5700000001	MMBT3904	1
Q502	057G 763910	9JR5700000073	FET 2SK1828 TO-236MOD	1
Q504	057G 477900 T	9JR5700000052	TRA SIG SM BC847C (KEC0) R	1
Q505	057G 477900 T	9JR5700000052	TRA SIG SM BC847C (KEC0) R	1
Q506	057G 477900 T	9JR5700000052	TRA SIG SM BC847C (KEC0) R	1
Q507	057G 477900 T	9JR5700000052	TRA SIG SM BC847C (KEC0) R	1
Q508	057G 763910	9JR5700000073	FET 2SK1828 TO-236MOD	1
Q601	057G 477904 T	9JR5700000053	TRA BC847BW 100mA/45V SOT-323	1
Q602	057G 761902 T	9JR5700000059	TRA BC857BW 100mA/50V SOT-323	1
Q605	057G 477900 T	9JR5700000052	TRA SIG SM BC847C (KEC0) R	1
Q701	057G 477900 T	9JR5700000052	TRA SIG SM BC847C (KEC0) R	1
Q702	057G 477900 T	9JR5700000052	TRA SIG SM BC847C (KEC0) R	1
Q703	057G 763913	9JR5700000065	MOSFET AO6415 TSOP6	1
Q704	057G 763941	9JR5700000089	MOSFET AON4421 DFN	1
Q705	057G 477900 T	9JR5700000052	TRA SIG SM BC847C (KEC0) R	1
Q706	057G 477900 T	9JR5700000052	TRA SIG SM BC847C (KEC0) R	1
Q707	057G 763941	9JR5700000089	MOSFET AON4421 DFN	1
Q750	057G 763941	9JR5700000089	MOSFET AON4421 DFN	1
Q751	057G 477900 T	9JR5700000052	TRA SIG SM BC847C (KEC0) R	1
R1002	061G0402472 JT	9JR6100000615	RST CHIP 4K7 1/16W 5% TZAI YUAN	1
R1003	061G0402472 JT	9JR6100000615	RST CHIP 4K7 1/16W 5% TZAI YUAN	1
R1004	061G0603000 JT	9JR6100000620	RST CHIP MAX 0R05 1/10W TZAI YUAN	1
R1005	061G0402103 JT	9JR6100000602	RST CHIP 10K 1/16W 5% TZAI YUAN	1
R1006	061G0402103 JT	9JR6100000602	RST CHIP 10K 1/16W 5% TZAI YUAN	1
R1007	061G0402103 JT	9JR6100000602	RST CHIP 10K 1/16W 5% TZAI YUAN	1
R1008	061G0402103 JT	9JR6100000602	RST CHIP 10K 1/16W 5% TZAI YUAN	1
R1010	061G0402000 JT	9JR6100000711	RST CHIPR MAX0R05 1/16W TZAI YUAN	1
R1011	061G06031000FT	9JR6100000002	RST CHIP 100R 1/10W 1%	1
R1012	061G06031000FT	9JR6100000002	RST CHIP 100R 1/10W 1%	1
R1013	061G0402000 JT	9JR6100000711	RST CHIPR MAX0R05 1/16W TZAI YUAN	1
R1017	061G0402000 JT	9JR6100000711	RST CHIPR MAX0R05 1/16W TZAI YUAN	1
R1018	061G0402000 JT	9JR6100000711	RST CHIPR MAX0R05 1/16W TZAI YUAN	1
R1019	061G0402102 JT	9JR6100000601	RST CHIP 1K 1/16W 5% TZAI YUAN	1
R1021	061G0402000 JT	9JR6100000711	RST CHIPR MAX0R05 1/16W TZAI YUAN	1
R1025	061G0402000 JT	9JR6100000711	RST CHIPR MAX0R05 1/16W TZAI YUAN	1
R1031	061G0402103 JT	9JR6100000602	RST CHIP 10K 1/16W 5% TZAI YUAN	1
R1032	061G0402101 JT	9JR6100000600	RST CHIP 100R 1/16W 5% TZAI YUAN	1
R1033	061G0402101 JT	9JR6100000600	RST CHIP 100R 1/16W 5% TZAI YUAN	1
R1038	061G0402000 JT	9JR6100000711	RST CHIPR MAX0R05 1/16W TZAI YUAN	1

R1039	061G0402000 JT	9JR6100000711	RST CHIPR MAX0R05 1/16W TZAI YUAN	1
R1041	061G0603000 JT	9JR6100000620	RST CHIP MAX 0R05 1/10W TZAI YUAN	1
R1042	061G0402000 JT	9JR6100000711	RST CHIPR MAX0R05 1/16W TZAI YUAN	1
R1043	061G0603000 JT	9JR6100000620	RST CHIP MAX 0R05 1/10W TZAI YUAN	1
R1044	061G0603000 JT	9JR6100000620	RST CHIP MAX 0R05 1/10W TZAI YUAN	1
R1045	061G0402000 JT	9JR6100000711	RST CHIPR MAX0R05 1/16W TZAI YUAN	1
R1046	061G0402000 JT	9JR6100000711	RST CHIPR MAX0R05 1/16W TZAI YUAN	1
R1047	061G0402510 JT	9JR6100000981	RST CHIP R 51ohm 1/16W +/-5% TZAI YUAN	1
R1048	061G0402510 JT	9JR6100000981	RST CHIP R 51ohm 1/16W +/-5% TZAI YUAN	1
R1049	061G0603000 JT	9JR6100000620	RST CHIP MAX 0R05 1/10W TZAI YUAN	1
R1050	061G0603000 JT	9JR6100000620	RST CHIP MAX 0R05 1/10W TZAI YUAN	1
R1051	061G0603000 JT	9JR6100000620	RST CHIP MAX 0R05 1/10W TZAI YUAN	1
R1052	061G0603000 JT	9JR6100000620	RST CHIP MAX 0R05 1/10W TZAI YUAN	1
R1060	061G0402750 JT	9JR6100000618	RST CHIPR 75 OHM +-5% 1/16W TZAI YUAN	1
R1061	061G0402750 JT	9JR6100000618	RST CHIPR 75 OHM +-5% 1/16W TZAI YUAN	1
R1062	061G0402750 JT	9JR6100000618	RST CHIPR 75 OHM +-5% 1/16W TZAI YUAN	1
R1063	061G0402680 JT	9JR6100000617	RST CHIP 68R 1/16W 5% TZAI YUAN	1
R1064	061G0402680 JT	9JR6100000617	RST CHIP 68R 1/16W 5% TZAI YUAN	1
R1065	061G0402303 JT	9JR6100000878	RST CHIP R 30Kohm 1/16W +/-5% TZAI YUAN	1
R1067	061G0402303 JT	9JR6100000878	RST CHIP R 30Kohm 1/16W +/-5% TZAI YUAN	1
R1071	061G0402000 JT	9JR6100000711	RST CHIPR MAX0R05 1/16W TZAI YUAN	1
R1072	061G0402000 JT	9JR6100000711	RST CHIPR MAX0R05 1/16W TZAI YUAN	1
R1073	061G0402101 JT	9JR6100000600	RST CHIP 100R 1/16W 5% TZAI YUAN	1
R1078	061G0402000 JT	9JR6100000711	RST CHIPR MAX0R05 1/16W TZAI YUAN	1
R1079	061G0402000 JT	9JR6100000711	RST CHIPR MAX0R05 1/16W TZAI YUAN	1
R1080	061G0402000 JT	9JR6100000711	RST CHIPR MAX0R05 1/16W TZAI YUAN	1
R1081	061G0603000 JT	9JR6100000620	RST CHIP MAX 0R05 1/10W TZAI YUAN	1
R1082	061G06031002FT	9JR6100000680	RST CHIP 10K 1/10W 1%	1
R1083	061G0603102 JT	9JR6100000623	RST CHIP 1K 1/10W 5% TZAI YUAN	1
R1084	061G0402473 JT	9JR6100000616	RST CHIP 47K 1/16W 5% TZAI YUAN	1
R1085	061G0603331 JT	9JR6100000637	RST CHIPR 330OHM 1/10W TZAI YUAN	1
R1086	061G0603000 JT	9JR6100000620	RST CHIP MAX 0R05 1/10W TZAI YUAN	1
R1087	061G0402473 JT	9JR6100000616	RST CHIP 47K 1/16W 5% TZAI YUAN	1
R1088	061G0603331 JT	9JR6100000637	RST CHIPR 330OHM 1/10W TZAI YUAN	1
R1089	061G0603102 JT	9JR6100000623	RST CHIP 1K 1/10W 5% TZAI YUAN	1
R1099	061G0402750 JT	9JR6100000618	RST CHIPR 75 OHM +-5% 1/16W TZAI YUAN	1
R1100	061G0402000 JT	9JR6100000711	RST CHIPR MAX0R05 1/16W TZAI YUAN	1
R1101	061G0402750 JT	9JR6100000618	RST CHIPR 75 OHM +-5% 1/16W TZAI YUAN	1
R1102	061G0402000 JT	9JR6100000711	RST CHIPR MAX0R05 1/16W TZAI YUAN	1
R1103	061G0603103 JT	9JR6100000624	RST CHIP 10K 1/10W 5% TZAI YUAN	1
R1104	061G0603103 JT	9JR6100000624	RST CHIP 10K 1/10W 5% TZAI YUAN	1
R1105	061G0603363 JT	9JR6100000888	RST CHIPR 36K OHM +-5% 1/10W TZAI YUAN	1
R1106	061G0603000 JT	9JR6100000620	RST CHIP MAX 0R05 1/10W TZAI YUAN	1
R1107	061G0603103 JT	9JR6100000624	RST CHIP 10K 1/10W 5% TZAI YUAN	1
R1108	061G0402000 JT	9JR6100000711	RST CHIPR MAX0R05 1/16W TZAI YUAN	1
R1109	061G0402472 JT	9JR6100000615	RST CHIP 4K7 1/16W 5% TZAI YUAN	1
R1110	061G0603472 JT	9JR6100000641	RST CHIP 4K7 1/10W 5% TZAI YUAN	1
R1111	061G0603363 JT	9JR6100000888	RST CHIPR 36K OHM +-5% 1/10W TZAI YUAN	1
R1112	061G0603363 JT	9JR6100000888	RST CHIPR 36K OHM +-5% 1/10W TZAI YUAN	1
R1113	061G0603000 JT	9JR6100000620	RST CHIP MAX 0R05 1/10W TZAI YUAN	1
R1114	061G0402472 JT	9JR6100000615	RST CHIP 4K7 1/16W 5% TZAI YUAN	1
R1115	061G0603000 JT	9JR6100000620	RST CHIP MAX 0R05 1/10W TZAI YUAN	1
R1116	061G0603472 JT	9JR6100000641	RST CHIP 4K7 1/10W 5% TZAI YUAN	1
R1117	061G0603000 JT	9JR6100000620	RST CHIP MAX 0R05 1/10W TZAI YUAN	1
R1118	061G0603103 JT	9JR6100000624	RST CHIP 10K 1/10W 5% TZAI YUAN	1
R1119	061G0603363 JT	9JR6100000888	RST CHIPR 36K OHM +-5% 1/10W TZAI YUAN	1
R1121	061G06031002FT	9JR6100000680	RST CHIP 10K 1/10W 1%	1
R1122	061G0603000 JT	9JR6100000620	RST CHIP MAX 0R05 1/10W TZAI YUAN	1
R1126	061G0402000 JT	9JR6100000711	RST CHIPR MAX0R05 1/16W TZAI YUAN	1
R1127	061G0603000 JT	9JR6100000620	RST CHIP MAX 0R05 1/10W TZAI YUAN	1
R1129	061G0603750 JT	9JR6100000644	RST CHIP 75R 1/10W 5% TZAI YUAN	1
R1131	061G0402513 JT	9JR6100000882	RST CHIP 51K 1/16W 5% TZAI YUAN	1
R1133	061G0603000 JT	9JR6100000620	RST CHIP MAX 0R05 1/10W TZAI YUAN	1
R1134	061G0402103 JT	9JR6100000602	RST CHIP 10K 1/16W 5% TZAI YUAN	1
R1135	061G0402680 JT	9JR6100000617	RST CHIP 68R 1/16W 5% TZAI YUAN	1
R1137	061G0402101 JT	9JR6100000600	RST CHIP 100R 1/16W 5% TZAI YUAN	1
R1138	061G0402750 JT	9JR6100000618	RST CHIPR 75 OHM +-5% 1/16W TZAI YUAN	1

R1150	061G0402303 JT	9JR6100000878	RST CHIP R 30Kohm 1/16W +/-5% TZAI YUAN	1
R1151	061G0402303 JT	9JR6100000878	RST CHIP R 30Kohm 1/16W +/-5% TZAI YUAN	1
R1152	061G0402303 JT	9JR6100000878	RST CHIP R 30Kohm 1/16W +/-5% TZAI YUAN	1
R1153	061G0402303 JT	9JR6100000878	RST CHIP R 30Kohm 1/16W +/-5% TZAI YUAN	1
R1154	061G0402303 JT	9JR6100000878	RST CHIP R 30Kohm 1/16W +/-5% TZAI YUAN	1
R1155	061G0402303 JT	9JR6100000878	RST CHIP R 30Kohm 1/16W +/-5% TZAI YUAN	1
R1156	061G0402000 JT	9JR6100000711	RST CHIPR MAX0R05 1/16W TZAI YUAN	1
R1157	061G0603103 JT	9JR6100000624	RST CHIP 10K 1/10W 5% TZAI YUAN	1
R1158	061G0402680 JT	9JR6100000617	RST CHIP 68R 1/16W 5% TZAI YUAN	1
R1159	061G0603103 JT	9JR6100000624	RST CHIP 10K 1/10W 5% TZAI YUAN	1
R1160	061G0402101 JT	9JR6100000600	RST CHIP 100R 1/16W 5% TZAI YUAN	1
R1161	061G04025609FT	9JR6100000344	RST CHIP 56R 1/16W 1%	1
R1162	061G0402101 JT	9JR6100000600	RST CHIP 100R 1/16W 5% TZAI YUAN	1
R1163	061G0402103 JT	9JR6100000602	RST CHIP 10K 1/16W 5% TZAI YUAN	1
R1164	061G0402680 JT	9JR6100000617	RST CHIP 68R 1/16W 5% TZAI YUAN	1
R1165	061G0603000 JT	9JR6100000620	RST CHIP MAX 0R05 1/10W TZAI YUAN	1
R1166	061G04025609FT	9JR6100000344	RST CHIP 56R 1/16W 1%	1
R1167	061G0603000 JT	9JR6100000620	RST CHIP MAX 0R05 1/10W TZAI YUAN	1
R1168	061G0402180 JT	9JR6100000605	RST CHIP 18R 1/16W 5% TZAI YUAN	1
R1169	061G04025609FT	9JR6100000344	RST CHIP 56R 1/16W 1%	1
R1170	061G0402180 JT	9JR6100000605	RST CHIP 18R 1/16W 5% TZAI YUAN	1
R1171	061G0402680 JT	9JR6100000617	RST CHIP 68R 1/16W 5% TZAI YUAN	1
R1172	061G0402180 JT	9JR6100000605	RST CHIP 18R 1/16W 5% TZAI YUAN	1
R1173	061G0402000 JT	9JR6100000711	RST CHIPR MAX0R05 1/16W TZAI YUAN	1
R1174	061G0402750 JT	9JR6100000618	RST CHIPR 75 OHM +-5% 1/16W TZAI YUAN	1
R1175	061G0402680 JT	9JR6100000617	RST CHIP 68R 1/16W 5% TZAI YUAN	1
R1176	061G0402750 JT	9JR6100000618	RST CHIPR 75 OHM +-5% 1/16W TZAI YUAN	1
R1177	061G0402000 JT	9JR6100000711	RST CHIPR MAX0R05 1/16W TZAI YUAN	1
R1178	061G0402680 JT	9JR6100000617	RST CHIP 68R 1/16W 5% TZAI YUAN	1
R1179	061G0402750 JT	9JR6100000618	RST CHIPR 75 OHM +-5% 1/16W TZAI YUAN	1
R1180	061G0402680 JT	9JR6100000617	RST CHIP 68R 1/16W 5% TZAI YUAN	1
R1181	061G0402101 JT	9JR6100000600	RST CHIP 100R 1/16W 5% TZAI YUAN	1
R1182	061G0603103 JT	9JR6100000624	RST CHIP 10K 1/10W 5% TZAI YUAN	1
R1183	061G0603101 JT	9JR6100000622	RST CHIP 100R 1/10W 5% TZAI YUAN	1
R1184	061G0603152 JT	9JR6100000884	RST CHIP 1K5 1/10W 5% TZAI YUAN	1
R1185	061G0603152 JT	9JR6100000884	RST CHIP 1K5 1/10W 5% TZAI YUAN	1
R1186	061G0402000 JT	9JR6100000711	RST CHIPR MAX0R05 1/16W TZAI YUAN	1
R1187	061G0603750 JT	9JR6100000644	RST CHIP 75R 1/10W 5% TZAI YUAN	1
R1188	061G0402472 JT	9JR6100000615	RST CHIP 4K7 1/16W 5% TZAI YUAN	1
R1189	061G06032400FT	9JR6100000885	RST CHIP 240R 1/10W 1%	1
R1190	061G0402750 JT	9JR6100000618	RST CHIPR 75 OHM +-5% 1/16W TZAI YUAN	1
R1191	061G0402750 JT	9JR6100000618	RST CHIPR 75 OHM +-5% 1/16W TZAI YUAN	1
R1192	061G0402101 JT	9JR6100000600	RST CHIP 100R 1/16W 5% TZAI YUAN	1
R1193	061G0402101 JT	9JR6100000600	RST CHIP 100R 1/16W 5% TZAI YUAN	1
R1194	061G0603101 JT	9JR6100000622	RST CHIP 100R 1/10W 5% TZAI YUAN	1
R1195	061G0402103 JT	9JR6100000602	RST CHIP 10K 1/16W 5% TZAI YUAN	1
R1196	061G0402101 JT	9JR6100000600	RST CHIP 100R 1/16W 5% TZAI YUAN	1
R1197	061G0603750 JT	9JR6100000644	RST CHIP 75R 1/10W 5% TZAI YUAN	1
R1198	061G0402101 JT	9JR6100000600	RST CHIP 100R 1/16W 5% TZAI YUAN	1
R1199	061G0402750 JT	9JR6100000618	RST CHIPR 75 OHM +-5% 1/16W TZAI YUAN	1
R1200	061G0402000 JT	9JR6100000711	RST CHIPR MAX0R05 1/16W TZAI YUAN	1
R1201	061G0402000 JT	9JR6100000711	RST CHIPR MAX0R05 1/16W TZAI YUAN	1
R1202	061G0402000 JT	9JR6100000711	RST CHIPR MAX0R05 1/16W TZAI YUAN	1
R1203	061G0402473 JT	9JR6100000616	RST CHIP 47K 1/16W 5% TZAI YUAN	1
R1204	061G0603331 JT	9JR6100000637	RST CHIPR 330OHM 1/10W TZAI YUAN	1
R1205	061G0402102 JT	9JR6100000601	RST CHIP 1K 1/16W 5% TZAI YUAN	1
R1206	061G0402000 JT	9JR6100000711	RST CHIPR MAX0R05 1/16W TZAI YUAN	1
R1207	061G0402473 JT	9JR6100000616	RST CHIP 47K 1/16W 5% TZAI YUAN	1
R1208	061G0603331 JT	9JR6100000637	RST CHIPR 330OHM 1/10W TZAI YUAN	1
R1209	061G0402102 JT	9JR6100000601	RST CHIP 1K 1/16W 5% TZAI YUAN	1
R4000	061G0402472 JT	9JR6100000615	RST CHIP 4K7 1/16W 5% TZAI YUAN	1
R4001	061G0402472 JT	9JR6100000615	RST CHIP 4K7 1/16W 5% TZAI YUAN	1
R4003	061G0402472 JT	9JR6100000615	RST CHIP 4K7 1/16W 5% TZAI YUAN	1
R4004	061G0402472 JT	9JR6100000615	RST CHIP 4K7 1/16W 5% TZAI YUAN	1
R4005	061G0402472 JT	9JR6100000615	RST CHIP 4K7 1/16W 5% TZAI YUAN	1
R4006	061G0402472 JT	9JR6100000615	RST CHIP 4K7 1/16W 5% TZAI YUAN	1
R4050	061G06035600FT	9JR6100000892	RST CHIP 560R 1/10W 1%	1

R4051	061G0402000 JT	9JR6100000711	RST CHIPR MAX0R05 1/16W TZAI YUAN	1
R4052	061G0402000 JT	9JR6100000711	RST CHIPR MAX0R05 1/16W TZAI YUAN	1
R4056	061G0603000 JT	9JR6100000620	RST CHIP MAX 0R05 1/10W TZAI YUAN	1
R4057	061G0603000 JT	9JR6100000620	RST CHIP MAX 0R05 1/10W TZAI YUAN	1
R4058	061G0603000 JT	9JR6100000620	RST CHIP MAX 0R05 1/10W TZAI YUAN	1
R4059	061G0603000 JT	9JR6100000620	RST CHIP MAX 0R05 1/10W TZAI YUAN	1
R406	061G0603102 JT	9JR6100000623	RST CHIP 1K 1/10W 5% TZAI YUAN	1
R4060	061G0603000 JT	9JR6100000620	RST CHIP MAX 0R05 1/10W TZAI YUAN	1
R4061	061G0603000 JT	9JR6100000620	RST CHIP MAX 0R05 1/10W TZAI YUAN	1
R4062	061G0603000 JT	9JR6100000620	RST CHIP MAX 0R05 1/10W TZAI YUAN	1
R4063	061G0603000 JT	9JR6100000620	RST CHIP MAX 0R05 1/10W TZAI YUAN	1
R407	061G0603472 JT	9JR6100000641	RST CHIP 4K7 1/10W 5% TZAI YUAN	1
R408	061G0603101 JT	9JR6100000622	RST CHIP 100R 1/10W 5% TZAI YUAN	1
R409	061G0603472 JT	9JR6100000641	RST CHIP 4K7 1/10W 5% TZAI YUAN	1
R4100	061G06031001FT	9JR6100000458	RST CHIP 1K 1/10W 1%	1
R4101	061G06031001FT	9JR6100000458	RST CHIP 1K 1/10W 1%	1
R4102	061G06031001FT	9JR6100000458	RST CHIP 1K 1/10W 1%	1
R4103	061G06031001FT	9JR6100000458	RST CHIP 1K 1/10W 1%	1
R4104	061G06031001FT	9JR6100000458	RST CHIP 1K 1/10W 1%	1
R4105	061G06031001FT	9JR6100000458	RST CHIP 1K 1/10W 1%	1
R4106	061G0402101 JT	9JR6100000600	RST CHIP 100R 1/16W 5% TZAI YUAN	1
R4107	061G0402101 JT	9JR6100000600	RST CHIP 100R 1/16W 5% TZAI YUAN	1
R4108	061G0402101 JT	9JR6100000600	RST CHIP 100R 1/16W 5% TZAI YUAN	1
R4109	061G0402220 JT	9JR6100000607	RST CHIP 22R 1/16W 5% TZAI YUAN	1
R411	061G0603202 JT	9JR6100000694	RST CHIPR 2KOHM 1/10W TZAI YUAN	1
R4110	061G0402220 JT	9JR6100000607	RST CHIP 22R 1/16W 5% TZAI YUAN	1
R4111	061G0402220 JT	9JR6100000607	RST CHIP 22R 1/16W 5% TZAI YUAN	1
R4112	061G0402220 JT	9JR6100000607	RST CHIP 22R 1/16W 5% TZAI YUAN	1
R413	061G0603472 JT	9JR6100000641	RST CHIP 4K7 1/10W 5% TZAI YUAN	1
R414	061G0805103 JT	9JR6100000895	RST CHIPR 10K OHM +- 5% 1/8W TZAI YUAN	1
R4151	061G0603000 JT	9JR6100000620	RST CHIP MAX 0R05 1/10W TZAI YUAN	1
R4152	061G0603109 JT	9JR6100000627	RST CHIP 1R 1/10W 5% TZAI YUAN	1
R4153	061G06031001FT	9JR6100000458	RST CHIP 1K 1/10W 1%	1
R4154	061G06036801FT	9JR6100000495	RST CHIP 6K8 1/10W 1%	1
R4156	061G0603000 JT	9JR6100000620	RST CHIP MAX 0R05 1/10W TZAI YUAN	1
R4158	061G0402331 JT	9JR6100000612	RST CHIP 330R 1/16W 5% TZAI YUAN	1
R4159	061G0603101 JT	9JR6100000622	RST CHIP 100R 1/10W 5% TZAI YUAN	1
R4160	061G0603000 JT	9JR6100000620	RST CHIP MAX 0R05 1/10W TZAI YUAN	1
R4162	061G0603163 JT	9JR6100000630	RST CHIP 16K 1/10W 5% TZAI YUAN	1
R4163	061G0603163 JT	9JR6100000630	RST CHIP 16K 1/10W 5% TZAI YUAN	1
R4164	061G0402103 JT	9JR6100000602	RST CHIP 10K 1/16W 5% TZAI YUAN	1
R4165	061G0402102 JT	9JR6100000601	RST CHIP 1K 1/16W 5% TZAI YUAN	1
R4166	061G0402103 JT	9JR6100000602	RST CHIP 10K 1/16W 5% TZAI YUAN	1
R4167	061G0402103 JT	9JR6100000602	RST CHIP 10K 1/16W 5% TZAI YUAN	1
R4168	061G0402103 JT	9JR6100000602	RST CHIP 10K 1/16W 5% TZAI YUAN	1
R4169	061G0402103 JT	9JR6100000602	RST CHIP 10K 1/16W 5% TZAI YUAN	1
R4170	061G0402103 JT	9JR6100000602	RST CHIP 10K 1/16W 5% TZAI YUAN	1
R4171	061G04023901FT	9JR6100000879	RST 0402 3.9K 1% 1/16W TZAI YUAN	1
R4172	061G06031000FT	9JR6100000002	RST CHIP 100R 1/10W 1%	1
R4173	061G04023901FT	9JR6100000879	RST 0402 3.9K 1% 1/16W TZAI YUAN	1
R4174	061G0402103 JT	9JR6100000602	RST CHIP 10K 1/16W 5% TZAI YUAN	1
R4175	061G06031000FT	9JR6100000002	RST CHIP 100R 1/10W 1%	1
R4176	061G0402330 JT	9JR6100000611	RST CHIP 33R 1/16W 5% TZAI YUAN	1
R4177	061G0402103 JT	9JR6100000602	RST CHIP 10K 1/16W 5% TZAI YUAN	1
R4179	061G0603000 JT	9JR6100000620	RST CHIP MAX 0R05 1/10W TZAI YUAN	1
R418	061G0603000 JT	9JR6100000620	RST CHIP MAX 0R05 1/10W TZAI YUAN	1
R4180	061G0402104 JT	9JR6100000603	RST CHIP 100K 1/16W 5% TZAI YUAN	1
R4181	061G0603331 JT	9JR6100000637	RST CHIPR 330OHM 1/10W TZAI YUAN	1
R4182	061G0402472 JT	9JR6100000615	RST CHIP 4K7 1/16W 5% TZAI YUAN	1
R4183	061G0603331 JT	9JR6100000637	RST CHIPR 330OHM 1/10W TZAI YUAN	1
R4184	061G0402472 JT	9JR6100000615	RST CHIP 4K7 1/16W 5% TZAI YUAN	1
R4185	061G0402472 JT	9JR6100000615	RST CHIP 4K7 1/16W 5% TZAI YUAN	1
R4186	061G0402472 JT	9JR6100000615	RST CHIP 4K7 1/16W 5% TZAI YUAN	1
R4187	061G0402472 JT	9JR6100000615	RST CHIP 4K7 1/16W 5% TZAI YUAN	1
R4188	061G0402472 JT	9JR6100000615	RST CHIP 4K7 1/16W 5% TZAI YUAN	1
R4189	061G0402472 JT	9JR6100000615	RST CHIP 4K7 1/16W 5% TZAI YUAN	1
R419	061G0603000 JT	9JR6100000620	RST CHIP MAX 0R05 1/10W TZAI YUAN	1

R4190	061G0402472 JT	9JR6100000615	RST CHIP 4K7 1/16W 5% TZAI YUAN	1
R4191	061G0402472 JT	9JR6100000615	RST CHIP 4K7 1/16W 5% TZAI YUAN	1
R4192	061G0402000 JT	9JR6100000711	RST CHIPR MAX0R05 1/16W TZAI YUAN	1
R4193	061G0603000 JT	9JR6100000620	RST CHIP MAX 0R05 1/10W TZAI YUAN	1
R4194	061G0402472 JT	9JR6100000615	RST CHIP 4K7 1/16W 5% TZAI YUAN	1
R4195	061G0402472 JT	9JR6100000615	RST CHIP 4K7 1/16W 5% TZAI YUAN	1
R4196	061G0402471 JT	9JR6100000880	RST CHIP 470R 1/16W 5% TZAI YUAN	1
R4197	061G0402472 JT	9JR6100000615	RST CHIP 4K7 1/16W 5% TZAI YUAN	1
R4198	061G0603000 JT	9JR6100000620	RST CHIP MAX 0R05 1/10W TZAI YUAN	1
R4199	061G0603101 JT	9JR6100000622	RST CHIP 100R 1/10W 5% TZAI YUAN	1
R420	061G0603000 JT	9JR6100000620	RST CHIP MAX 0R05 1/10W TZAI YUAN	1
R4200	061G0603472 JT	9JR6100000641	RST CHIP 4K7 1/10W 5% TZAI YUAN	1
R4201	061G0603472 JT	9JR6100000641	RST CHIP 4K7 1/10W 5% TZAI YUAN	1
R4202	061G0402220 JT	9JR6100000607	RST CHIP 22R 1/16W 5% TZAI YUAN	1
R4203	061G0402220 JT	9JR6100000607	RST CHIP 22R 1/16W 5% TZAI YUAN	1
R4204	061G0402220 JT	9JR6100000607	RST CHIP 22R 1/16W 5% TZAI YUAN	1
R4205	061G0402220 JT	9JR6100000607	RST CHIP 22R 1/16W 5% TZAI YUAN	1
R4206	061G0402220 JT	9JR6100000607	RST CHIP 22R 1/16W 5% TZAI YUAN	1
R4207	061G0402220 JT	9JR6100000607	RST CHIP 22R 1/16W 5% TZAI YUAN	1
R4208	061G0402220 JT	9JR6100000607	RST CHIP 22R 1/16W 5% TZAI YUAN	1
R4209	061G0402220 JT	9JR6100000607	RST CHIP 22R 1/16W 5% TZAI YUAN	1
R4210	061G0402220 JT	9JR6100000607	RST CHIP 22R 1/16W 5% TZAI YUAN	1
R4211	061G0402220 JT	9JR6100000607	RST CHIP 22R 1/16W 5% TZAI YUAN	1
R4212	061G0402220 JT	9JR6100000607	RST CHIP 22R 1/16W 5% TZAI YUAN	1
R4213	061G0402220 JT	9JR6100000607	RST CHIP 22R 1/16W 5% TZAI YUAN	1
R4214	061G0402220 JT	9JR6100000607	RST CHIP 22R 1/16W 5% TZAI YUAN	1
R4215	061G0402220 JT	9JR6100000607	RST CHIP 22R 1/16W 5% TZAI YUAN	1
R4216	061G0402220 JT	9JR6100000607	RST CHIP 22R 1/16W 5% TZAI YUAN	1
R4217	061G0402220 JT	9JR6100000607	RST CHIP 22R 1/16W 5% TZAI YUAN	1
R4218	061G0402220 JT	9JR6100000607	RST CHIP 22R 1/16W 5% TZAI YUAN	1
R4219	061G0402220 JT	9JR6100000607	RST CHIP 22R 1/16W 5% TZAI YUAN	1
R4220	061G0402220 JT	9JR6100000607	RST CHIP 22R 1/16W 5% TZAI YUAN	1
R4221	061G0402220 JT	9JR6100000607	RST CHIP 22R 1/16W 5% TZAI YUAN	1
R4222	061G0603103 JT	9JR6100000624	RST CHIP 10K 1/10W 5% TZAI YUAN	1
R4223	061G0603103 JT	9JR6100000624	RST CHIP 10K 1/10W 5% TZAI YUAN	1
R4224	061G0603103 JT	9JR6100000624	RST CHIP 10K 1/10W 5% TZAI YUAN	1
R4225	061G0603103 JT	9JR6100000624	RST CHIP 10K 1/10W 5% TZAI YUAN	1
R4226	061G0603103 JT	9JR6100000624	RST CHIP 10K 1/10W 5% TZAI YUAN	1
R4227	061G0603103 JT	9JR6100000624	RST CHIP 10K 1/10W 5% TZAI YUAN	1
R4229	061G0603470 JT	9JR6100000889	RST CHIP 47R 1/10W 5% TZAI YUAN	1
R4230	061G0603470 JT	9JR6100000889	RST CHIP 47R 1/10W 5% TZAI YUAN	1
R4231	061G0603104 JT	9JR6100000625	RST CHIP 100K 1/10W 5% TZAI YUAN	1
R4232	061G0402472 JT	9JR6100000615	RST CHIP 4K7 1/16W 5% TZAI YUAN	1
R4233	061G0603103 JT	9JR6100000624	RST CHIP 10K 1/10W 5% TZAI YUAN	1
R501	061G0402000 JT	9JR6100000711	RST CHIPR MAX0R05 1/16W TZAI YUAN	1
R502	061G0402273 JT	9JR6100000610	RST CHIP 27K 1/16W 5% TZAI YUAN	1
R504	061G0402000 JT	9JR6100000711	RST CHIPR MAX0R05 1/16W TZAI YUAN	1
R518	061G0402103 JT	9JR6100000602	RST CHIP 10K 1/16W 5% TZAI YUAN	1
R519	061G0402473 JT	9JR6100000616	RST CHIP 47K 1/16W 5% TZAI YUAN	1
R520	061G0402473 JT	9JR6100000616	RST CHIP 47K 1/16W 5% TZAI YUAN	1
R521	061G0402101 JT	9JR6100000600	RST CHIP 100R 1/16W 5% TZAI YUAN	1
R522	061G0402101 JT	9JR6100000600	RST CHIP 100R 1/16W 5% TZAI YUAN	1
R524	061G0402330 JT	9JR6100000611	RST CHIP 33R 1/16W 5% TZAI YUAN	1
R525	061G0402474 JT	9JR6100000881	RST CHIP 470K 1/16W 5% TZAI YUAN	1
R526	061G0603102 JT	9JR6100000623	RST CHIP 1K 1/10W 5% TZAI YUAN	1
R527	061G0402102 JT	9JR6100000601	RST CHIP 1K 1/16W 5% TZAI YUAN	1
R528	061G0402472 JT	9JR6100000615	RST CHIP 4K7 1/16W 5% TZAI YUAN	1
R529	061G0402101 JT	9JR6100000600	RST CHIP 100R 1/16W 5% TZAI YUAN	1
R530	061G0402101 JT	9JR6100000600	RST CHIP 100R 1/16W 5% TZAI YUAN	1
R531	061G0402474 JT	9JR6100000881	RST CHIP 470K 1/16W 5% TZAI YUAN	1
R532	061G0402102 JT	9JR6100000601	RST CHIP 1K 1/16W 5% TZAI YUAN	1
R533	061G0402102 JT	9JR6100000601	RST CHIP 1K 1/16W 5% TZAI YUAN	1
R534	061G0603000 JT	9JR6100000620	RST CHIP MAX 0R05 1/10W TZAI YUAN	1
R535	061G0603103 JT	9JR6100000624	RST CHIP 10K 1/10W 5% TZAI YUAN	1
R536	061G0603473 JT	9JR6100000642	RST CHIP 47K 1/10W 5% TZAI YUAN	1
R537	061G0603473 JT	9JR6100000642	RST CHIP 47K 1/10W 5% TZAI YUAN	1
R538	061G0603330 JT	9JR6100000636	RST CHIP 33R 1/10W 5% TZAI YUAN	1

R539	061G0603472 JT	9JR6100000641	RST CHIP 4K7 1/10W 5% TZAI YUAN	1
R540	061G0402472 JT	9JR6100000615	RST CHIP 4K7 1/16W 5% TZAI YUAN	1
R541	061G0402472 JT	9JR6100000615	RST CHIP 4K7 1/16W 5% TZAI YUAN	1
R562	061G06035101FT	9JR6100000490	RST CHIP 5K1 1/10W 1%	1
R565	061G0603000 JT	9JR6100000620	RST CHIP MAX 0R05 1/10W TZAI YUAN	1
R566	061G0603000 JT	9JR6100000620	RST CHIP MAX 0R05 1/10W TZAI YUAN	1
R567	061G0603000 JT	9JR6100000620	RST CHIP MAX 0R05 1/10W TZAI YUAN	1
R601	061G0402472 JT	9JR6100000615	RST CHIP 4K7 1/16W 5% TZAI YUAN	1
R604	061G0402223 JT	9JR6100000609	RST CHIP 22K 1/16W 5% TZAI YUAN	1
R605	061G0402472 JT	9JR6100000615	RST CHIP 4K7 1/16W 5% TZAI YUAN	1
R606	061G0402104 JT	9JR6100000603	RST CHIP 100K 1/16W 5% TZAI YUAN	1
R607	061G0402102 JT	9JR6100000601	RST CHIP 1K 1/16W 5% TZAI YUAN	1
R608	061G0402472 JT	9JR6100000615	RST CHIP 4K7 1/16W 5% TZAI YUAN	1
R609	061G0603100 JT	9JR6100000621	RST CHIP 10R 1/10W 5% TZAI YUAN	1
R611	061G0402000 JT	9JR6100000711	RST CHIPR MAX0R05 1/16W TZAI YUAN	1
R612	061G0402103 JT	9JR6100000602	RST CHIP 10K 1/16W 5% TZAI YUAN	1
R613	061G0402103 JT	9JR6100000602	RST CHIP 10K 1/16W 5% TZAI YUAN	1
R614	061G0402472 JT	9JR6100000615	RST CHIP 4K7 1/16W 5% TZAI YUAN	1
R615	061G0402472 JT	9JR6100000615	RST CHIP 4K7 1/16W 5% TZAI YUAN	1
R617	061G0402103 JT	9JR6100000602	RST CHIP 10K 1/16W 5% TZAI YUAN	1
R618	061G0603100 JT	9JR6100000621	RST CHIP 10R 1/10W 5% TZAI YUAN	1
R622	061G0402472 JT	9JR6100000615	RST CHIP 4K7 1/16W 5% TZAI YUAN	1
R624	061G0402473 JT	9JR6100000616	RST CHIP 47K 1/16W 5% TZAI YUAN	1
R628	061G0402473 JT	9JR6100000616	RST CHIP 47K 1/16W 5% TZAI YUAN	1
R629	061G0402103 JT	9JR6100000602	RST CHIP 10K 1/16W 5% TZAI YUAN	1
R630	061G1206100 JT	9JR6100000370	RST CHIPR 10 OHM +-5% 1/4W TZAI YUAN	1
R631	061G0402153 JT	9JR6100000876	RST CHIP 15K 1/16W 5% TZAI YUAN	1
R632	061G0402103 JT	9JR6100000602	RST CHIP 10K 1/16W 5% TZAI YUAN	1
R634	061G0402000 JT	9JR6100000711	RST CHIPR MAX0R05 1/16W TZAI YUAN	1
R637	061G04021000FT	9JR6100000672	RST CHIP 100R 1/16W 1%	1
R638	061G04021000FT	9JR6100000672	RST CHIP 100R 1/16W 1%	1
R639	061G0402100 JT	9JR6100000875	RST CHIP 10R 1/16W 5% TZAI YUAN	1
R640	061G0402100 JT	9JR6100000875	RST CHIP 10R 1/16W 5% TZAI YUAN	1
R641	061G0402100 JT	9JR6100000875	RST CHIP 10R 1/16W 5% TZAI YUAN	1
R642	061G0402100 JT	9JR6100000875	RST CHIP 10R 1/16W 5% TZAI YUAN	1
R643	061G0402000 JT	9JR6100000711	RST CHIPR MAX0R05 1/16W TZAI YUAN	1
R644	061G0402000 JT	9JR6100000711	RST CHIPR MAX0R05 1/16W TZAI YUAN	1
R647	061G04024700FT	9JR6100000678	RST CHIP 470R 1/16W 1%	1
R648	061G04024700FT	9JR6100000678	RST CHIP 470R 1/16W 1%	1
R701	061G0603223 JT	9JR6100000635	RST CHIPR 22KOHM 1/10W TZAI YUAN	1
R702	061G0603333 JT	9JR6100000638	RST CHIP 33K 1/10W 5% TZAI YUAN	1
R704	061G0402101 JT	9JR6100000600	RST CHIP 100R 1/16W 5% TZAI YUAN	1
R705	061G0402272 JT	9JR6100000877	RST CHIP 2K7 1/16W 5% TZAI YUAN	1
R707	061G0402103 JT	9JR6100000602	RST CHIP 10K 1/16W 5% TZAI YUAN	1
R708	061G0603333 JT	9JR6100000638	RST CHIP 33K 1/10W 5% TZAI YUAN	1
R710	061G0402102 JT	9JR6100000601	RST CHIP 1K 1/16W 5% TZAI YUAN	1
R711	061G0603223 JT	9JR6100000635	RST CHIPR 22KOHM 1/10W TZAI YUAN	1
R712	061G0402102 JT	9JR6100000601	RST CHIP 1K 1/16W 5% TZAI YUAN	1
R714	061G0402472 JT	9JR6100000615	RST CHIP 4K7 1/16W 5% TZAI YUAN	1
R715	061G0603000 JT	9JR6100000620	RST CHIP MAX 0R05 1/10W TZAI YUAN	1
R716	061G0603000 JT	9JR6100000620	RST CHIP MAX 0R05 1/10W TZAI YUAN	1
R717	061G06031200FT	9JR6100000535	RST CHIP 120R 1/10W 1%	1
R718	061G06031001FT	9JR6100000458	RST CHIP 1K 1/10W 1%	1
R719	061G06031501FT	9JR6100000883	RST CHIP 1K5 1/10W 1%	1
R720	061G06033001FT	9JR6100000886	RST CHIP 3K 1/10W 1%	1
R721	061G06031002FT	9JR6100000680	RST CHIP 10K 1/10W 1%	1
R722	061G06031002FT	9JR6100000680	RST CHIP 10K 1/10W 1%	1
R723	061G06033002FT	9JR6100000887	RST CHIP 30K 1/10W 1%	1
R724	061G0402473 JT	9JR6100000616	RST CHIP 47K 1/16W 5% TZAI YUAN	1
R725	061G0603000 JT	9JR6100000620	RST CHIP MAX 0R05 1/10W TZAI YUAN	1
R726	061G0603000 JT	9JR6100000620	RST CHIP MAX 0R05 1/10W TZAI YUAN	1
R727	061G12060004JY	9JR6100000896	RST CHIPR MAX0R05 4A 1/4W YAGEO	1
R728	061G0603103 JT	9JR6100000624	RST CHIP 10K 1/10W 5% TZAI YUAN	1
R730	061G0603752 JT	9JR6100000894	RST CHIP 7K5 1/10W 5% TZAI YUAN	1
R731	061G06035609FT	9JR6100000893	RST CHIP 56R 1/10W 1%	1
R733	061G06035101FT	9JR6100000490	RST CHIP 5K1 1/10W 1%	1
R750	061G0603103 JT	9JR6100000624	RST CHIP 10K 1/10W 5% TZAI YUAN	1

R751	061G12060004JY	9JR6100000896	RST CHIPR MAX0R05 4A 1/4W YAGEO	1
R752	061G0603512 JT	9JR6100000891	RST CHIPR 5.1KOHM +-5% 1/10W TZAI YUAN	1
R755	061G0603103 JT	9JR6100000624	RST CHIP 10K 1/10W 5% TZAI YUAN	1
R756	061G06031200FT	9JR6100000535	RST CHIP 120R 1/10W 1%	1
R757	061G0603109 JT	9JR6100000627	RST CHIP 1R 1/10W 5% TZAI YUAN	1
R758	061G0603752 JT	9JR6100000894	RST CHIP 7K5 1/10W 5% TZAI YUAN	1
R759	061G06032002FT	9JR6100000855	RST CHIP 20K 1/10W 1%	1
R760	061G06032202FT	9JR6100000474	RST CHIP 22K 1/10W 1%	1
R761	061G06034701FT	9JR6100000890	RST CHIP 4K7 1/10W 1%	1
R762	061G06031200FT	9JR6100000535	RST CHIP 120R 1/10W 1%	1
R763	061G0603109 JT	9JR6100000627	RST CHIP 1R 1/10W 5% TZAI YUAN	1
RP1000	061G 1260008JY	9JR6100000873	RST CHIP AR 8P4R 0 OHM +-5% 1/16W	1
RP1001	061G 1260008JY	9JR6100000873	RST CHIP AR 8P4R 0 OHM +-5% 1/16W	1
RP1002	061G 1260008JY	9JR6100000873	RST CHIP AR 8P4R 0 OHM +-5% 1/16W	1
RP1003	061G 1260008JY	9JR6100000873	RST CHIP AR 8P4R 0 OHM +-5% 1/16W	1
RP4100	061G 1265608JY	9JR6100000874	RST CHIP ARRAY 56R 1/16W 5% 8P4R	1
RP4101	061G 1265608JY	9JR6100000874	RST CHIP ARRAY 56R 1/16W 5% 8P4R	1
RP4102	061G 1265608JY	9JR6100000874	RST CHIP ARRAY 56R 1/16W 5% 8P4R	1
RP4103	061G 1265608JY	9JR6100000874	RST CHIP ARRAY 56R 1/16W 5% 8P4R	1
RP4104	061G 1265608JY	9JR6100000874	RST CHIP ARRAY 56R 1/16W 5% 8P4R	1
RP4105	061G 1265608JY	9JR6100000874	RST CHIP ARRAY 56R 1/16W 5% 8P4R	1
RP4106	061G 1265608JY	9JR6100000874	RST CHIP ARRAY 56R 1/16W 5% 8P4R	1
RP4107	061G 1265608JY	9JR6100000874	RST CHIP ARRAY 56R 1/16W 5% 8P4R	1
RP4108	061G 1265608JY	9JR6100000874	RST CHIP ARRAY 56R 1/16W 5% 8P4R	1
RP4109	061G 1265608JY	9JR6100000874	RST CHIP ARRAY 56R 1/16W 5% 8P4R	1
RP4110	061G 1265608JY	9JR6100000874	RST CHIP ARRAY 56R 1/16W 5% 8P4R	1
RP4111	061G 1265608JY	9JR6100000874	RST CHIP ARRAY 56R 1/16W 5% 8P4R	1
TH4050	061G 56A050 WT	9JR6100000432	SMD PTC 0.5A KMC3S050RY 1206	1
TU101	094G DVB T12G	9JR9400000009	TUNER DVB-T With Analog TDTW-S810D(M)	1
U101	056G 575 14	9JR5600000174	IC Si2163 QFN-36	1
U102	056G 623906	9JR5600000078	IC NLASB3157DFT2G SC-88	1
U106	056G 616 35	9JR5600000177	IC NJM4580V-TE2 SSOP8	1
U107	056G 616 35	9JR5600000177	IC NJM4580V-TE2 SSOP8	1
U108	056G 133507	9JR5600000170	IC AS78L12RTR-G1 12V SOT-89 BCD	1
U110	056G1133152	9JR5600000181	IC EEPROM AT24C02B-TH-T TSSOP-8 2K	1
U401	056G 562355	9JR5600000192	SCALER MT5363LYYG BGA 27*27mm	1
U402	056G 615918	9JR5600000095	IC NT5TU32M16CG-BD BGA-84	1
U403	056G 615918	9JR5600000095	IC NT5TU32M16CG-BD BGA-84	1
U4051	705TPA56074	9JR7050000206	NAND Flash Assy (U4051)	1
U4053	056G 587 14	9JR5600000198	IC Trans./Rece. ICL3232EIV-16Z TSSOP-16	1
U409	705TPA56073	9JR7050000205	Serial IIC EEPROM Assy (U409)(AUO-LG)	1
U410	056G 643 41	9JR5600000166	IC APX809-29SAG-7 SOT23	1
U411	056G 665528	9JR5600000180	IC G5250M1T1U 1A SOT23-5	1
U4150	056G 623906	9JR5600000078	IC NLASB3157DFT2G SC-88	1
U503	056G1133152	9JR5600000181	IC EEPROM AT24C02B-TH-T TSSOP-8 2K	1
U504	056G1133152	9JR5600000181	IC EEPROM AT24C02B-TH-T TSSOP-8 2K	1
U601	056G 616 54	9JR5600000178	IC TPA3110D2 15W TSSOP-28	1
U602	056G 616 59	9JR5600000179	IC TPA6132A2RTER 25mW QFN-16	1
U701	056G 563203	9JR5600000173	IC MP2212DN SOIC8E	1
U702	056G 563203	9JR5600000173	IC MP2212DN SOIC8E	1
U703	056G 585 8	9JR5600000175	AZ1117D-ADJTRE1 TO-252-2	1
U751	056G 563129	9JR5600000090	IC AME8810-AEGTZ 0.6A/3.3V SOT-223	1
U753	056G 585 8	9JR5600000175	AZ1117D-ADJTRE1 TO-252-2	1
U754	056G 563922	9JR5600000111	AME1117ACGTZ	1
U755	056G 563964	9JR5600000059	IC SC4215HSETRT SO-8	1
X1000	093G 22S928 C	9JR9300000166	CRYSTAL 7B16000195 20P 30PPM	1
X4150	093G 22S922 C	9JR9300000126	Crystal 54Mhz 10p SMD-49	1
ZD1051	093G 39GA28 T	9JR9300000116	ZENER DIODE RLZ13B SEMTECH	1
ZD1052	093G 39P599 T	9JR9300000117	MM3Z5V6B	1
ZD1063	093G 39P599 T	9JR9300000117	MM3Z5V6B	1
ZD1064	093G 39P599 T	9JR9300000117	MM3Z5V6B	1
ZD1065	093G 39P599 T	9JR9300000117	MM3Z5V6B	1
ZD1066	093G 39P599 T	9JR9300000117	MM3Z5V6B	1
ZD1067	093G 39P599 T	9JR9300000117	MM3Z5V6B	1
ZD1068	093G 39P599 T	9JR9300000117	MM3Z5V6B	1
ZD1150	093G 39P599 T	9JR9300000117	MM3Z5V6B	1
ZD1151	093G 39P599 T	9JR9300000117	MM3Z5V6B	1

ZD1152	093G 39P599 T	9JR9300000117	MM3Z5V6B	1
ZD1153	093G 39P599 T	9JR9300000117	MM3Z5V6B	1
ZD1154	093G 39P599 T	9JR9300000117	MM3Z5V6B	1
ZD1155	093G 39P599 T	9JR9300000117	MM3Z5V6B	1
ZD1160	093G 39P599 T	9JR9300000117	MM3Z5V6B	1
ZD1161	093G 39P599 T	9JR9300000117	MM3Z5V6B	1
ZD1162	093G 39P599 T	9JR9300000117	MM3Z5V6B	1
ZD1163	093G 39P599 T	9JR9300000117	MM3Z5V6B	1
ZD1169	093G 39P599 T	9JR9300000117	MM3Z5V6B	1

Model: LC-22LE320E(AUO)(E22AA2NBWLXPNS)

Item	TPV Code Number	SHARP 13NC	Description	Quantity
30	705TZA3460A	9JR7050000145	BEZEL ASSY	1
35	Z40G000284307A	9JR4000000093	LABEL_POP	1
40	705TZA3462A	9JR7050000147	REAR COVER ASSY	1
50	705TZA3463A	9JR7050000148	BASE ASSY	1
54	Z12T 63007	9JR1200000006	PHONE RUBBER	7
55	P01G0022 1	9JR0100000060	SCREW(40x30L)	3
56	Q45T 99609 79	9JR4500000013	EPE COVER FOR BASE	1
57	0Q1G 130 6120	9JR0100000057	SCREW (T3X6)	7
60	705TZA3461A	9JR7050000146	KEY COVER ASSY	1
91	P34T0452PAT 1T0100	9JR3400000011	BASE_NECK	1
92	0M1G 940 10 47 CR3	9JR0100000055	SCREW	4
93	0Q1T 930 8120	9JR0100000059	SCREW	9
96	0M1T 330 6120	9JR0100000056	SCREW 42A9930014	1
126	Z40G 22084301A	9JR4000000091	RATING LABEL	1
127	P40TA00081328A	9JR4000000004	FAMILY SHEET- SERVICE	1
130	Z40G000184316A	9JR4000000092	CARTON LABEL	1
135	705TZA4106A	9JR7050000149	DFU ASSY(Western Europe)(Eastern Europe)	1
136	705TZA4107A	9JR7050000150	DFU ASSY(North Europe)	1
449	705TZA4403A	9JR7050000151	Carton Assy	1
456	050G 600 2	9JR5000000004	HANDLE1	1
457	050G 600 3	9JR5000000005	HANDLE2	1
450	P44GC004843 2A	9JR4400000063	CARTON	1
451	P44GC004101	9JR4400000061	CUSHION_TOP	1
452	P44GC004201	9JR4400000062	CUSHION_BTM	1
453	Q45T 99609 78	9JR4500000012	EPE COVER FOR MONITOR	1
504	P40TD000813 9A	9JR4000000005	family sheet	1
505	P40TD00081311A	9JR4000000006	FAMILY SHEET	1
1050	750GLU215H1611N000	9JR7500000027	PANEL M215HW01 V600 TW AUO	1
1054	ADTVA3615PA1	9JR9900000057	POWER PCB ASSY	1
1055	PTPFAPA1	9JR9900000067	Interface PCB Assy	1
1056	IRPFAPA4	9JR9900000059	IR PCB ASSY	1
1057	KEPFAPA1	9JR9900000060	KEY PCB ASSY	1
1172	089G204A15NLS1	9JR8900000009	POWER CORD 1.5M PE8C5Z1B90A-04B	1
1176	098GRABD2NESPJ	9JR9800000005	REMOTE CONTROL RC-SHARP-420 FOR SHARP	1
1185	078G035A 7 M	9JR7800000014	SPEAKER 16 OHM 3.5W 290/260mm 80X23mm	1
1186	017G DW904 LY	9JR1700000001	LED MODULE LYSB-2811B	1
1187	095G8021 3F905	9JR9500000089	HARNESS AC INLET-3P 60mm 75549	1
8401	095G801413F938	9JR9500000087	HARNESS 13P-5P+3P 380mm 75462	1
8408	095G801840F911	9JR9500000088	HARNESS 30P-40P 60mm 75461	1
8802	095G176W 10912	9JR9500000085	FFC CABLE 10P 250mm P0.5 WDK10012903	1
8804	095G176W 10913	9JR9500000086	FFC CABLE 10P 420mm P0.5 WDK10012904	1
8901	095G8021 3F905	9JR9500000089	HARNESS AC INLET-3P 60mm 75549	1
	0M1T1730 6120	9JR0100000036	SCREW 3*6MM	14
	0Q1G 330 5106	9JR0100000058	SCREW	5
1053	CBPFA4ABP1	9JR9900000058	MAIN PCB ASSY	1
C1000	067G215C4713LV	9JR6700000216	EC 470uF 20% 16V RXY 8*9	1
C1001	065G0805106A5K T	9JR6500000424	CHIP 10uF 10V X5R 0805	1
C1005	065G060327031J A	9JR6500000355	CAP CHIP 0603 27PF J 50V NPO	1
C1006	065G060327031J A	9JR6500000355	CAP CHIP 0603 27PF J 50V NPO	1
C1012	065G040247312K A	9JR6500000394	CAP CHIP 0402 47nF K 16V X7R	1
C1013	065G040247312K A	9JR6500000394	CAP CHIP 0402 47nF K 16V X7R	1
C1014	065G040247312K A	9JR6500000394	CAP CHIP 0402 47nF K 16V X7R	1
C1015	065G040247312K A	9JR6500000394	CAP CHIP 0402 47nF K 16V X7R	1
C1016	065G040239031J A	9JR6500000415	CAP CHIP 0402 39PF J 50V NPO	1
C1017	065G040239031J A	9JR6500000415	CAP CHIP 0402 39PF J 50V NPO	1
C1018	065G040233031J A	9JR6500000414	CAP 0402 33PF J 50V NPO	1
C1019	065G040233031J A	9JR6500000414	CAP 0402 33PF J 50V NPO	1
C1020	065G040222031J A	9JR6500000412	CAP 0402 22PF J 50V NPO	1
C1021	065G040222031J A	9JR6500000412	CAP 0402 22PF J 50V NPO	1
C1022	065G040233031J A	9JR6500000414	CAP 0402 33PF J 50V NPO	1
C1023	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C1024	065G060310605M Y	9JR6500000417	CAP CHIP 0603 10uF 6.3V X5R +/-20%	1

C1031	065G040210131J A	9JR6500000409	CAP 0402 100PF J 50V NPO	1
C1033	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C1034	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C1035	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C1036	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C1037	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C1038	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C1039	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C1040	065G060310605M Y	9JR6500000417	CAP CHIP 0603 10uF 6.3V X5R +/-20%	1
C1041	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C1048	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C1049	065G060310031J A	9JR6500000343	CAP 0603 10PF J 50V NPO	1
C1053	065G040210332K A	9JR6500000341	CAP 0402 10NF 50V X7R	1
C1054	065G040215031J A	9JR6500000411	CAP CHIP 0402 15PF J 50V NPO	1
C1055	065G040210332K A	9JR6500000341	CAP 0402 10NF 50V X7R	1
C1056	065G040215031J A	9JR6500000411	CAP CHIP 0402 15PF J 50V NPO	1
C1057	065G040215031J A	9JR6500000411	CAP CHIP 0402 15PF J 50V NPO	1
C1058	065G040210332K A	9JR6500000341	CAP 0402 10NF 50V X7R	1
C1059	065G0805106A5K T	9JR6500000424	CHIP 10uF 10V X5R 0805	1
C1060	065G0805106A5K T	9JR6500000424	CHIP 10uF 10V X5R 0805	1
C1064	065G040247031J A	9JR6500000393	CAP CHIP 0402 47PF J 50V NPO	1
C1065	065G040247312K A	9JR6500000394	CAP CHIP 0402 47nF K 16V X7R	1
C1068	065G040210332K A	9JR6500000341	CAP 0402 10NF 50V X7R	1
C1069	065G040210332K A	9JR6500000341	CAP 0402 10NF 50V X7R	1
C1070	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C1071	065G060310605M Y	9JR6500000417	CAP CHIP 0603 10uF 6.3V X5R +/-20%	1
C1072	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C1073	065G040282132K Y	9JR6500000416	CAP CHIP 0402 820P 50V X7R +/-10%	1
C1074	065G040282132K Y	9JR6500000416	CAP CHIP 0402 820P 50V X7R +/-10%	1
C1077	065G0805106A5K T	9JR6500000424	CHIP 10uF 10V X5R 0805	1
C1078	065G040210332K A	9JR6500000341	CAP 0402 10NF 50V X7R	1
C1079	065G040210332K A	9JR6500000341	CAP 0402 10NF 50V X7R	1
C1082	065G040247031J A	9JR6500000393	CAP CHIP 0402 47PF J 50V NPO	1
C1083	065G040247031J A	9JR6500000393	CAP CHIP 0402 47PF J 50V NPO	1
C1085	065G040247031J A	9JR6500000393	CAP CHIP 0402 47PF J 50V NPO	1
C1086	065G040247031J A	9JR6500000393	CAP CHIP 0402 47PF J 50V NPO	1
C1088	065G0805106A5K T	9JR6500000424	CHIP 10uF 10V X5R 0805	1
C1089	065G040210332K A	9JR6500000341	CAP 0402 10NF 50V X7R	1
C1090	065G040210332K A	9JR6500000341	CAP 0402 10NF 50V X7R	1
C1091	065G060322517Z Y	9JR6500000259	CAP CHIP 0603 2.2UF Z 16V Y5V	1
C1092	065G040210131J A	9JR6500000409	CAP 0402 100PF J 50V NPO	1
C1093	065G060322517Z Y	9JR6500000259	CAP CHIP 0603 2.2UF Z 16V Y5V	1
C1094	065G060310131J A	9JR6500000344	CAP CHIP 0603 100PF J 50V NPO SAMSUNG	1
C1095	065G120610625K T	9JR6500000428	CAP CHIP 1206 10uF K 25V X5R	1
C1096	065G060322517Z Y	9JR6500000259	CAP CHIP 0603 2.2UF Z 16V Y5V	1
C1097	065G060322517Z Y	9JR6500000259	CAP CHIP 0603 2.2UF Z 16V Y5V	1
C1098	065G080547517Z Y	9JR6500000426	CAP CHIP 0805 4.7UF Z 16V Y5V	1
C1099	065G040210131J A	9JR6500000409	CAP 0402 100PF J 50V NPO	1
C1100	065G060310131J A	9JR6500000344	CAP CHIP 0603 100PF J 50V NPO SAMSUNG	1
C1101	065G060310432K A	9JR6500000398	CAP CHIP 0603 100nF K 50V X7R	1
C1102	065G060382131J A	9JR6500000423	CAP CHIP 0603 820PF J 50V NPO	1
C1103	065G060382131J A	9JR6500000423	CAP CHIP 0603 820PF J 50V NPO	1
C1105	065G040210332K A	9JR6500000341	CAP 0402 10NF 50V X7R	1
C1106	065G040210332K A	9JR6500000341	CAP 0402 10NF 50V X7R	1
C1152	065G0402105A5K T	9JR6500000410	CAP CHIP 0402 1uF K 10V X5R	1
C1153	065G040215232K A	9JR6500000392	CAP CHIP 0402 1.5NF K 50V X7R	1
C1154	065G040210332K A	9JR6500000341	CAP 0402 10NF 50V X7R	1
C1155	065G060350931J A	9JR6500000422	MLCC 0603 5pF 50V NPO +-5% SAMSUNG	1
C1156	065G040215031J A	9JR6500000411	CAP CHIP 0402 15PF J 50V NPO	1
C1157	065G040210332K A	9JR6500000341	CAP 0402 10NF 50V X7R	1
C1158	065G060350931J A	9JR6500000422	MLCC 0603 5pF 50V NPO +-5% SAMSUNG	1
C1159	065G040210332K A	9JR6500000341	CAP 0402 10NF 50V X7R	1
C1160	065G040215031J A	9JR6500000411	CAP CHIP 0402 15PF J 50V NPO	1
C1161	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C1162	065G040215031J A	9JR6500000411	CAP CHIP 0402 15PF J 50V NPO	1
C1163	065G040210332K A	9JR6500000341	CAP 0402 10NF 50V X7R	1
C1164	065G0805106A5K T	9JR6500000424	CHIP 10uF 10V X5R 0805	1

C1165	065G0805106A5K T	9JR6500000424	CHIP 10uF 10V X5R 0805	1
C1167	065G0805106A5K T	9JR6500000424	CHIP 10uF 10V X5R 0805	1
C1168	065G0805106A5K T	9JR6500000424	CHIP 10uF 10V X5R 0805	1
C1170	065G040250931J A	9JR6500000395	CAP 0402 5PF J 50 NPO	1
C1171	065G040250931J A	9JR6500000395	CAP 0402 5PF J 50 NPO	1
C1172	065G040250931J A	9JR6500000395	CAP 0402 5PF J 50 NPO	1
C1173	065G040215232K A	9JR6500000392	CAP CHIP 0402 1.5NF K 50V X7R	1
C1174	065G0805106A5K T	9JR6500000424	CHIP 10uF 10V X5R 0805	1
C1175	065G040210332K A	9JR6500000341	CAP 0402 10NF 50V X7R	1
C1176	065G040210332K A	9JR6500000341	CAP 0402 10NF 50V X7R	1
C1178	065G040210332K A	9JR6500000341	CAP 0402 10NF 50V X7R	1
C1179	065G040210332K A	9JR6500000341	CAP 0402 10NF 50V X7R	1
C1180	065G0805106A5K T	9JR6500000424	CHIP 10uF 10V X5R 0805	1
C1181	065G0805106A5K T	9JR6500000424	CHIP 10uF 10V X5R 0805	1
C1183	065G0805106A5K T	9JR6500000424	CHIP 10uF 10V X5R 0805	1
C1185	065G040247312K A	9JR6500000394	CAP CHIP 0402 47nF K 16V X7R	1
C1187	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C1188	065G040247312K A	9JR6500000394	CAP CHIP 0402 47nF K 16V X7R	1
C1191	065G040247312K A	9JR6500000394	CAP CHIP 0402 47nF K 16V X7R	1
C1192	065G040247031J A	9JR6500000393	CAP CHIP 0402 47PF J 50V NPO	1
C1193	065G040210332K A	9JR6500000341	CAP 0402 10NF 50V X7R	1
C1194	065G040210332K A	9JR6500000341	CAP 0402 10NF 50V X7R	1
C4000	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4001	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4002	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4003	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4004	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4005	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4006	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4007	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4008	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4009	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4010	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4011	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4012	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4013	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4014	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4015	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4016	065G0805106A5K T	9JR6500000424	CHIP 10uF 10V X5R 0805	1
C402	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C404	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4050	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4051	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4052	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4053	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4054	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4055	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4056	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4057	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4058	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4059	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C406	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4060	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4061	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4062	065G060310512K T	9JR6500000253	CAP CHIP 0603 1UF K 16V X7R	1
C4063	067G305M1013PB	9JR6700000219	EC 100uF M 16V 6.3*7mm	1
C4064	065G0805106A5K T	9JR6500000424	CHIP 10uF 10V X5R 0805	1
C4067	065G060310512K T	9JR6500000253	CAP CHIP 0603 1UF K 16V X7R	1
C4068	065G060310512K T	9JR6500000253	CAP CHIP 0603 1UF K 16V X7R	1
C4069	065G060310512K T	9JR6500000253	CAP CHIP 0603 1UF K 16V X7R	1
C407	067G215H151 4C	9JR6700000218	EC 150UF 20% 25V SY 8*7	1
C4100	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4101	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4102	067G 3111013LT	9JR6700000213	EC SMD 100uF 16V VEL 6.3x5.5mm	1
C4103	067G 3111013LT	9JR6700000213	EC SMD 100uF 16V VEL 6.3x5.5mm	1
C4104	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4105	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1

C4106	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4107	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4108	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4109	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4110	065G0805106A5K T	9JR6500000424	CHIP 10uF 10V X5R 0805	1
C4111	065G060310512K T	9JR6500000253	CAP CHIP 0603 1UF K 16V X7R	1
C4112	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4113	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4114	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4115	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4116	065G060310512K T	9JR6500000253	CAP CHIP 0603 1UF K 16V X7R	1
C4117	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4118	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4119	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4120	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4121	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4122	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4123	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4124	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4125	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4126	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4127	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4128	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4129	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4130	065G040210332K A	9JR6500000341	CAP 0402 10NF 50V X7R	1
C4150	065G060310512K T	9JR6500000253	CAP CHIP 0603 1UF K 16V X7R	1
C4151	065G060310512K T	9JR6500000253	CAP CHIP 0603 1UF K 16V X7R	1
C4152	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4154	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4156	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4157	065G060310432K A	9JR6500000398	CAP CHIP 0603 100nF K 50V X7R	1
C4158	065G060322517Z Y	9JR6500000259	CAP CHIP 0603 2.2UF Z 16V Y5V	1
C4159	065G060310432K A	9JR6500000398	CAP CHIP 0603 100nF K 50V X7R	1
C4160	065G060310432K A	9JR6500000398	CAP CHIP 0603 100nF K 50V X7R	1
C4161	065G060310512K T	9JR6500000253	CAP CHIP 0603 1UF K 16V X7R	1
C4163	065G040210031J A	9JR6500000408	CAP CHIP 0402 10pF J 50V NPO	1
C4164	065G040210031J A	9JR6500000408	CAP CHIP 0402 10pF J 50V NPO	1
C4165	065G040210232K A	9JR6500000390	CAP 0402 1NF K 50V X7R	1
C4166	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4167	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4168	065G0603475A5K T	9JR6500000421	CAP CHIP 0603 4.7UF K 10V X5R	1
C4169	065G060310605M Y	9JR6500000417	CAP CHIP 0603 10uF 6.3V X5R +/-20%	1
C4170	065G060310512K T	9JR6500000253	CAP CHIP 0603 1UF K 16V X7R	1
C4171	065G060310512K T	9JR6500000253	CAP CHIP 0603 1UF K 16V X7R	1
C4172	065G060310512K T	9JR6500000253	CAP CHIP 0603 1UF K 16V X7R	1
C4173	065G060310512K T	9JR6500000253	CAP CHIP 0603 1UF K 16V X7R	1
C4174	065G060310432K A	9JR6500000398	CAP CHIP 0603 100nF K 50V X7R	1
C4201	065G0805106A5K T	9JR6500000424	CHIP 10uF 10V X5R 0805	1
C4202	065G0805106A5K T	9JR6500000424	CHIP 10uF 10V X5R 0805	1
C4203	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4204	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4205	065G040210031J A	9JR6500000408	CAP CHIP 0402 10pF J 50V NPO	1
C4206	065G040210031J A	9JR6500000408	CAP CHIP 0402 10pF J 50V NPO	1
C4207	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C503	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C504	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C505	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C506	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C507	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C510	065G0603475A5K T	9JR6500000421	CAP CHIP 0603 4.7UF K 10V X5R	1
C511	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C516	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C517	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C601	065G0805106A5K T	9JR6500000424	CHIP 10uF 10V X5R 0805	1
C602	065G060310432K A	9JR6500000398	CAP CHIP 0603 100nF K 50V X7R	1
C603	065G060310432K A	9JR6500000398	CAP CHIP 0603 100nF K 50V X7R	1
C604	067G 3112213CT	9JR6700000214	EC SMD 220UF 16V HV 6.3*7.7	1

C605	065G060310512K T	9JR6500000253	CAP CHIP 0603 1UF K 16V X7R	1
C606	065G060310512K T	9JR6500000253	CAP CHIP 0603 1UF K 16V X7R	1
C608	065G0603225A5K T	9JR6500000419	CAP CHIP 0603 2.2uF K 10V X5R	1
C609	065G060310512K T	9JR6500000253	CAP CHIP 0603 1UF K 16V X7R	1
C610	065G0603225A5K T	9JR6500000419	CAP CHIP 0603 2.2uF K 10V X5R	1
C611	065G040210332K A	9JR6500000341	CAP 0402 10NF 50V X7R	1
C613	065G060310432K A	9JR6500000398	CAP CHIP 0603 100nF K 50V X7R	1
C614	065G040210232K A	9JR6500000390	CAP 0402 1NF K 50V X7R	1
C615	065G080510522K Y	9JR6500000170	CAP CHIP 0805 1UF K 25V X7R	1
C616	065G060310522K T	9JR6500000399	CAP CHIP 0603 1UF K 25V X7R	1
C617	065G060310522K T	9JR6500000399	CAP CHIP 0603 1UF K 25V X7R	1
C618	065G060310432K A	9JR6500000398	CAP CHIP 0603 100nF K 50V X7R	1
C619	065G040210232K A	9JR6500000390	CAP 0402 1NF K 50V X7R	1
C620	065G080533432K A	9JR6500000425	CAP CHIP 0805 0.33uF K 50V X7R	1
C621	065G060347412K A	9JR6500000420	CAP CHIP 0603 470nF K 16V X7R	1
C622	065G060347412K A	9JR6500000420	CAP CHIP 0603 470nF K 16V X7R	1
C623	065G060347412K A	9JR6500000420	CAP CHIP 0603 470nF K 16V X7R	1
C624	065G060347412K A	9JR6500000420	CAP CHIP 0603 470nF K 16V X7R	1
C625	065G080533432K A	9JR6500000425	CAP CHIP 0805 0.33uF K 50V X7R	1
C626	065G080533432K A	9JR6500000425	CAP CHIP 0805 0.33uF K 50V X7R	1
C627	065G060322422K A	9JR6500000418	MLCC 0603 220nF 25V X7R +/-10% SAMSUNG	1
C628	065G060322422K A	9JR6500000418	MLCC 0603 220nF 25V X7R +/-10% SAMSUNG	1
C629	065G060322422K A	9JR6500000418	MLCC 0603 220nF 25V X7R +/-10% SAMSUNG	1
C630	065G060322422K A	9JR6500000418	MLCC 0603 220nF 25V X7R +/-10% SAMSUNG	1
C631	065G080533432K A	9JR6500000425	CAP CHIP 0805 0.33uF K 50V X7R	1
C632	065G040210232K A	9JR6500000390	CAP 0402 1NF K 50V X7R	1
C633	067G 3112217CT	9JR6700000215	EC SMD 220UF 20% 50V HV 10*10.5	1
C634	067G 3112217CT	9JR6700000215	EC SMD 220UF 20% 50V HV 10*10.5	1
C636	065G040210232K A	9JR6500000390	CAP 0402 1NF K 50V X7R	1
C638	065G040210232K A	9JR6500000390	CAP 0402 1NF K 50V X7R	1
C641	065G040210232K A	9JR6500000390	CAP 0402 1NF K 50V X7R	1
C642	065G0805106A5K T	9JR6500000424	CHIP 10uF 10V X5R 0805	1
C643	065G0805106A5K T	9JR6500000424	CHIP 10uF 10V X5R 0805	1
C644	065G040222232K A	9JR6500000413	CAP CHIP 0402 2.2NF K 50V X7R	1
C645	065G040222232K A	9JR6500000413	CAP CHIP 0402 2.2NF K 50V X7R	1
C646	065G040210332K A	9JR6500000341	CAP 0402 10NF 50V X7R	1
C647	065G040210332K A	9JR6500000341	CAP 0402 10NF 50V X7R	1
C702	067G215C4713LV	9JR6700000216	EC 470uF 20% 16V RXY 8*9	1
C705	065G060310512K T	9JR6500000253	CAP CHIP 0603 1UF K 16V X7R	1
C706	065G060310512K T	9JR6500000253	CAP CHIP 0603 1UF K 16V X7R	1
C707	065G060310432K A	9JR6500000398	CAP CHIP 0603 100nF K 50V X7R	1
C708	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C709	065G060310512K T	9JR6500000253	CAP CHIP 0603 1UF K 16V X7R	1
C711	065G060310432K A	9JR6500000398	CAP CHIP 0603 100nF K 50V X7R	1
C712	065G0805106A5K T	9JR6500000424	CHIP 10uF 10V X5R 0805	1
C713	065G1206226A5K T	9JR6500000429	CAP CHIP1206 22uF K 10V X5R	1
C714	065G1206226A5K T	9JR6500000429	CAP CHIP1206 22uF K 10V X5R	1
C715	065G060310432K A	9JR6500000398	CAP CHIP 0603 100nF K 50V X7R	1
C716	065G060310432K A	9JR6500000398	CAP CHIP 0603 100nF K 50V X7R	1
C717	065G060310432K A	9JR6500000398	CAP CHIP 0603 100nF K 50V X7R	1
C718	065G060310432K A	9JR6500000398	CAP CHIP 0603 100nF K 50V X7R	1
C719	065G1206226A5K T	9JR6500000429	CAP CHIP1206 22uF K 10V X5R	1
C720	065G060356131J A	9JR6500000360	CAP CHIP 0603 560PF J 50V NPO	1
C721	065G1206226A5K T	9JR6500000429	CAP CHIP1206 22uF K 10V X5R	1
C722	065G060356131J A	9JR6500000360	CAP CHIP 0603 560PF J 50V NPO	1
C723	065G1206226A5K T	9JR6500000429	CAP CHIP1206 22uF K 10V X5R	1
C724	065G1206226A5K T	9JR6500000429	CAP CHIP1206 22uF K 10V X5R	1
C725	065G060310512K T	9JR6500000253	CAP CHIP 0603 1UF K 16V X7R	1
C726	065G1206226A5K T	9JR6500000429	CAP CHIP1206 22uF K 10V X5R	1
C727	065G060310512K T	9JR6500000253	CAP CHIP 0603 1UF K 16V X7R	1
C728	065G1206226A5K T	9JR6500000429	CAP CHIP1206 22uF K 10V X5R	1
C729	065G120610612K T	9JR6500000427	CAP CHIP 1206 10UF K 16V X7R	1
C730	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C731	065G060310522K T	9JR6500000399	CAP CHIP 0603 1UF K 25V X7R	1
C732	065G120610625K T	9JR6500000428	CAP CHIP 1206 10uF K 25V X5R	1
C733	065G060310512K T	9JR6500000253	CAP CHIP 0603 1UF K 16V X7R	1
C734	067G215H101 4C	9JR6700000217	EC 100UF 20% 25V SY 8*7	1

C735	065G1206226A5K T	9JR6500000429	CAP CHIP1206 22uF K 10V X5R	1
C752	067G305M1013PB	9JR6700000219	EC 100uF M 16V 6.3*7mm	1
C753	067G305M1013PB	9JR6700000219	EC 100uF M 16V 6.3*7mm	1
C754	065G060310512K T	9JR6500000253	CAP CHIP 0603 1UF K 16V X7R	1
C755	065G0603475A5K T	9JR6500000421	CAP CHIP 0603 4.7UF K 10V X5R	1
C756	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C758	065G060310512K T	9JR6500000253	CAP CHIP 0603 1UF K 16V X7R	1
C764	065G0805106A5K T	9JR6500000424	CHIP 10uF 10V X5R 0805	1
C765	065G060310512K T	9JR6500000253	CAP CHIP 0603 1UF K 16V X7R	1
C766	065G060310512K T	9JR6500000253	CAP CHIP 0603 1UF K 16V X7R	1
C767	065G0805106A5K T	9JR6500000424	CHIP 10uF 10V X5R 0805	1
C768	065G080510615K T	9JR6500000406	CHIP 10uF 16V X5R 0805	1
C769	065G0805106A5K T	9JR6500000424	CHIP 10uF 10V X5R 0805	1
CN101	088G 35315F CL	9JR8800000094	D-SUB 15PIN FEMALE VERTICAL WITH SCREW	1
CN102	088G 302 69 YG	9JR8800000099	PHONE JACK 3P GREEN 10.5mm V/T	1
CN103	088G 352 14 YG	9JR8800000102	USB CONN A TYPE SPRING	1
CN111	088G 7813C 60 YG	9JR8800000097	RCA JACK 1*3 G/BL/R 10.5mm	1
CN116	088G 7813B78C	9JR8800000096	RCA JACK 1*3 W/R/B V/T	1
CN136	088G 7813C75C	9JR8800000098	RCA JACK 1*3 Y/W/R	1
CN140	088G 78 13 78 YG	9JR8800000095	RCA JACK 1*3 Y/W/R V/T 10.5mm	1
CN151	088G 35521G C	9JR8800000104	SCART CONN. 21P V/T 10.5mm	1
CN159	088G 50019A VA	9JR8800000105	PCMCIA CONN 11112203	1
CN401	033G380213B Y	9JR3300000073	CONNECTOR	1
CN404	088G 353 9M VD	9JR8800000103	D-SUB 9 PIN MALE WITH SCREW V/T	1
CN408	033G8033 40 X	9JR3300000063	CON. V 2*20P M 1.25 SM S1312-40SVA-1R	1
CN502	088G 34019H VD	9JR8800000100	HDMI HEADER 19P V/T H:13.0mm	1
CN506	088G 34019K AD	9JR8800000101	HDMI HEADER 19P H: 2.8mm	1
CN601	033G3278 4D	9JR3300000076	2.5mm Pitch Wafer	1
CN602	088G 30211K	9JR8800000058	PHONE JACK 5PIN	1
CN701	033G327813D	9JR3300000077	CONNECTOR	1
D1050	093G 64S900 T	9JR9300000107	DIODE BAS316 SOT-323 PHILIPS	1
D1051	093G 64S900 T	9JR9300000107	DIODE BAS316 SOT-323 PHILIPS	1
D1052	093G 64S900 T	9JR9300000107	DIODE BAS316 SOT-323 PHILIPS	1
D1054	093G 64S900 T	9JR9300000107	DIODE BAS316 SOT-323 PHILIPS	1
D1056	093G 64S900 T	9JR9300000107	DIODE BAS316 SOT-323 PHILIPS	1
D1057	093G 64S900 T	9JR9300000107	DIODE BAS316 SOT-323 PHILIPS	1
D1060	093G 64S900 T	9JR9300000107	DIODE BAS316 SOT-323 PHILIPS	1
D1061	093G 64S900 T	9JR9300000107	DIODE BAS316 SOT-323 PHILIPS	1
D1063	093G 64S900 T	9JR9300000107	DIODE BAS316 SOT-323 PHILIPS	1
D1064	093G 64S900 T	9JR9300000107	DIODE BAS316 SOT-323 PHILIPS	1
D1150	093G 64S900 T	9JR9300000107	DIODE BAS316 SOT-323 PHILIPS	1
D1151	093G 64S900 T	9JR9300000107	DIODE BAS316 SOT-323 PHILIPS	1
D1152	093G 64S900 T	9JR9300000107	DIODE BAS316 SOT-323 PHILIPS	1
D1153	093G 64S900 T	9JR9300000107	DIODE BAS316 SOT-323 PHILIPS	1
D1154	093G 64S900 T	9JR9300000107	DIODE BAS316 SOT-323 PHILIPS	1
D1155	093G 64S900 T	9JR9300000107	DIODE BAS316 SOT-323 PHILIPS	1
D1156	093G 64S900 T	9JR9300000107	DIODE BAS316 SOT-323 PHILIPS	1
D1157	093G 64S900 T	9JR9300000107	DIODE BAS316 SOT-323 PHILIPS	1
D1158	093G 64S900 T	9JR9300000107	DIODE BAS316 SOT-323 PHILIPS	1
D1159	093G 64S900 T	9JR9300000107	DIODE BAS316 SOT-323 PHILIPS	1
D1160	093G 64S900 T	9JR9300000107	DIODE BAS316 SOT-323 PHILIPS	1
D1161	093G 64S900 T	9JR9300000107	DIODE BAS316 SOT-323 PHILIPS	1
D1166	093G 64S900 T	9JR9300000107	DIODE BAS316 SOT-323 PHILIPS	1
D1167	093G 64S900 T	9JR9300000107	DIODE BAS316 SOT-323 PHILIPS	1
D1170	093G 64S900 T	9JR9300000107	DIODE BAS316 SOT-323 PHILIPS	1
D1171	093G 64S900 T	9JR9300000107	DIODE BAS316 SOT-323 PHILIPS	1
D1172	093G 64S900 T	9JR9300000107	DIODE BAS316 SOT-323 PHILIPS	1
D1173	093G 64S900 T	9JR9300000107	DIODE BAS316 SOT-323 PHILIPS	1
D4050	093G 6433S	9JR9300000062	DIODE BAV99 SEMTECH	1
D4051	093G 6433S	9JR9300000062	DIODE BAV99 SEMTECH	1
D4151	093G 6433S	9JR9300000062	DIODE BAV99 SEMTECH	1
D4152	093G 6433S	9JR9300000062	DIODE BAV99 SEMTECH	1
D4155	093G 6433S	9JR9300000062	DIODE BAV99 SEMTECH	1
D501	093G 64S900 T	9JR9300000107	DIODE BAS316 SOT-323 PHILIPS	1
D502	093G 64S900 T	9JR9300000107	DIODE BAS316 SOT-323 PHILIPS	1
D506	093G 64S900 T	9JR9300000107	DIODE BAS316 SOT-323 PHILIPS	1
D507	093G 64S900 T	9JR9300000107	DIODE BAS316 SOT-323 PHILIPS	1

D508	093G 64S900 T	9JR9300000107	DIODE BAS316 SOT-323 PHILIPS	1
D509	093G 64S900 T	9JR9300000107	DIODE BAS316 SOT-323 PHILIPS	1
D510	093G 64S900 T	9JR9300000107	DIODE BAS316 SOT-323 PHILIPS	1
D603	093G 64S900 T	9JR9300000107	DIODE BAS316 SOT-323 PHILIPS	1
D604	093G 64S900 T	9JR9300000107	DIODE BAS316 SOT-323 PHILIPS	1
D606	093G 64S900 T	9JR9300000107	DIODE BAS316 SOT-323 PHILIPS	1
D607	093G 64S900 T	9JR9300000107	DIODE BAS316 SOT-323 PHILIPS	1
D608	093G 64S900 T	9JR9300000107	DIODE BAS316 SOT-323 PHILIPS	1
D702	093G 60S922 T	9JR9300000167	DIODE FB340M DO-222AA	1
D703	093G 64S900 T	9JR9300000107	DIODE BAS316 SOT-323 PHILIPS	1
D704	093G 64S900 T	9JR9300000107	DIODE BAS316 SOT-323 PHILIPS	1
FB1000	071G 59A121 TA	9JR7100000031	CHIP BEAD 120R/3000mA HCB1608KF-121T30	1
FB1002	071G 59A121 TA	9JR7100000031	CHIP BEAD 120R/3000mA HCB1608KF-121T30	1
FB1003	071G 59A121 TA	9JR7100000031	CHIP BEAD 120R/3000mA HCB1608KF-121T30	1
FB1004	071G 59A121 TA	9JR7100000031	CHIP BEAD 120R/3000mA HCB1608KF-121T30	1
FB1005	071G 59A121 TA	9JR7100000031	CHIP BEAD 120R/3000mA HCB1608KF-121T30	1
FB1006	071G 56A221 TA	9JR7100000039	IND FXD 0805 EMI 100MHZ 220R R	1
FB1009	071G 59A121 TA	9JR7100000031	CHIP BEAD 120R/3000mA HCB1608KF-121T30	1
FB1011	071G 59A121 TA	9JR7100000031	CHIP BEAD 120R/3000mA HCB1608KF-121T30	1
FB1012	071G 59A121 TA	9JR7100000031	CHIP BEAD 120R/3000mA HCB1608KF-121T30	1
FB1013	071G 59A121 TA	9JR7100000031	CHIP BEAD 120R/3000mA HCB1608KF-121T30	1
FB1014	071G 59A121 TA	9JR7100000031	CHIP BEAD 120R/3000mA HCB1608KF-121T30	1
FB1017	071G 59A121 TA	9JR7100000031	CHIP BEAD 120R/3000mA HCB1608KF-121T30	1
FB1018	071G 59A121 TA	9JR7100000031	CHIP BEAD 120R/3000mA HCB1608KF-121T30	1
FB1020	071G 59A121 TA	9JR7100000031	CHIP BEAD 120R/3000mA HCB1608KF-121T30	1
FB1021	071G 59A121 TA	9JR7100000031	CHIP BEAD 120R/3000mA HCB1608KF-121T30	1
FB1022	071G 59A121 TA	9JR7100000031	CHIP BEAD 120R/3000mA HCB1608KF-121T30	1
FB1023	071G 59C600 TA	9JR7100000044	CHIP BEAD 60ohm 600mA FCM1608CF-600T06	1
FB1024	071G 59A121 TA	9JR7100000031	CHIP BEAD 120R/3000mA HCB1608KF-121T30	1
FB1025	071G 59A121 TA	9JR7100000031	CHIP BEAD 120R/3000mA HCB1608KF-121T30	1
FB1052	071G 59C800 TA	9JR7100000066	CHIP BEAD 80R 400mA FCM16008CF-800T04	1
FB1053	071G 59C800 TA	9JR7100000066	CHIP BEAD 80R 400mA FCM16008CF-800T04	1
FB1054	071G 59C800 TA	9JR7100000066	CHIP BEAD 80R 400mA FCM16008CF-800T04	1
FB1158	071G 59C800 TA	9JR7100000066	CHIP BEAD 80R 400mA FCM16008CF-800T04	1
FB1159	071G 59C800 TA	9JR7100000066	CHIP BEAD 80R 400mA FCM16008CF-800T04	1
FB1160	071G 59C800 TA	9JR7100000066	CHIP BEAD 80R 400mA FCM16008CF-800T04	1
FB1161	071G 59C800 TA	9JR7100000066	CHIP BEAD 80R 400mA FCM16008CF-800T04	1
FB1162	071G 59C800 TA	9JR7100000066	CHIP BEAD 80R 400mA FCM16008CF-800T04	1
FB1163	071G 59C800 TA	9JR7100000066	CHIP BEAD 80R 400mA FCM16008CF-800T04	1
FB1164	071G 59C800 TA	9JR7100000066	CHIP BEAD 80R 400mA FCM16008CF-800T04	1
FB1165	071G 59C800 TA	9JR7100000066	CHIP BEAD 80R 400mA FCM16008CF-800T04	1
FB1167	071G 59C601 TA	9JR7100000032	CHIP BEAD 600R/200mA FCM1608K-601T02	1
FB1168	071G 59C601 TA	9JR7100000032	CHIP BEAD 600R/200mA FCM1608K-601T02	1
FB4000	071G 59A121 TA	9JR7100000031	CHIP BEAD 120R/3000mA HCB1608KF-121T30	1
FB402	071G 59A121 TA	9JR7100000031	CHIP BEAD 120R/3000mA HCB1608KF-121T30	1
FB403	071G 59A121 TA	9JR7100000031	CHIP BEAD 120R/3000mA HCB1608KF-121T30	1
FB4057	071G 59D121 TA	9JR7100000033	CHIP BEAD 120R/600mA FCM1608KF-121T06	1
FB4058	071G 59D121 TA	9JR7100000033	CHIP BEAD 120R/600mA FCM1608KF-121T06	1
FB4060	071G 56A221 TA	9JR7100000039	IND FXD 0805 EMI 100MHZ 220R R	1
FB4100	071G 59D121 TA	9JR7100000033	CHIP BEAD 120R/600mA FCM1608KF-121T06	1
FB4151	071G 59D121 TA	9JR7100000033	CHIP BEAD 120R/600mA FCM1608KF-121T06	1
FB4152	071G 59C601 TA	9JR7100000032	CHIP BEAD 600R/200mA FCM1608K-601T02	1
FB4200	071G 56A221 TA	9JR7100000039	IND FXD 0805 EMI 100MHZ 220R R	1
FB501	071G 59C601 TA	9JR7100000032	CHIP BEAD 600R/200mA FCM1608K-601T02	1
FB503	071G 59C601 TA	9JR7100000032	CHIP BEAD 600R/200mA FCM1608K-601T02	1
FB601	071G 59A121 TA	9JR7100000031	CHIP BEAD 120R/3000mA HCB1608KF-121T30	1
FB605	071G 56A221 TA	9JR7100000039	IND FXD 0805 EMI 100MHZ 220R R	1
FB606	071G 56A221 TA	9JR7100000039	IND FXD 0805 EMI 100MHZ 220R R	1
FB701	071G 59A121 TA	9JR7100000031	CHIP BEAD 120R/3000mA HCB1608KF-121T30	1
FB702	071G 59A121 TA	9JR7100000031	CHIP BEAD 120R/3000mA HCB1608KF-121T30	1
FB704	071G 56A221 TA	9JR7100000039	IND FXD 0805 EMI 100MHZ 220R R	1
FB705	071G 56A221 TA	9JR7100000039	IND FXD 0805 EMI 100MHZ 220R R	1
FB706	071G 56A221 TA	9JR7100000039	IND FXD 0805 EMI 100MHZ 220R R	1
FB707	071G 56A221 TA	9JR7100000039	IND FXD 0805 EMI 100MHZ 220R R	1
FB751	071G 56A221 TA	9JR7100000039	IND FXD 0805 EMI 100MHZ 220R R	1
L1000	073G 63228 TA	9JR7300000079	CHIP INDUCTOR 1608 0.22UH +-10% 0.8R	1
L1001	073G 63228 TA	9JR7300000079	CHIP INDUCTOR 1608 0.22UH +-10% 0.8R	1

L1002	073G 63338 TA	9JR7300000080	CHIP INDUCTOR 1608 0.33UH +-10% 0.85R	1
L1003	073G 63338 TA	9JR7300000080	CHIP INDUCTOR 1608 0.33UH +-10% 0.85R	1
L1050	073G 63189 TA	9JR7300000056	CHIP INDUCTOR 1U8 10% FCI1608F-1R8K	1
L1051	073G 63189 TA	9JR7300000056	CHIP INDUCTOR 1U8 10% FCI1608F-1R8K	1
L401	073G253S901 T	9JR7300000038	SMD CHOKE 90R/400mA ACM2012-900-2P	1
L402	073G253S901 T	9JR7300000038	SMD CHOKE 90R/400mA ACM2012-900-2P	1
L4150	073G 63828 TA	9JR7300000057	CHIP INDUCROR 0U82 10% FCI1608F-R82K	1
L601	073G 259903 T	9JR7300000083	CHOKE 47uH+/-10% TSL0808RA-470K1R2-PF	1
L602	073G 259903 T	9JR7300000083	CHOKE 47uH+/-10% TSL0808RA-470K1R2-PF	1
L603	073G 259903 T	9JR7300000083	CHOKE 47uH+/-10% TSL0808RA-470K1R2-PF	1
L604	073G 259903 T	9JR7300000083	CHOKE 47uH+/-10% TSL0808RA-470K1R2-PF	1
L701	073G253S 46 S	9JR7300000084	SMD CHOKE 4.7uH	1
L702	073G253S 46 S	9JR7300000084	SMD CHOKE 4.7uH	1
Q1001	057G 761900 T	9JR5700000076	BC857 SOT23	1
Q1050	057G 760900	9JR5700000057	DIGITAL TR DTC623TK SMT3	1
Q1051	057G 760900	9JR5700000057	DIGITAL TR DTC623TK SMT3	1
Q1150	057G 477900 T	9JR5700000052	TRA SIG SM BC847C (KEC0) R	1
Q1151	057G 760900	9JR5700000057	DIGITAL TR DTC623TK SMT3	1
Q1152	057G 760900	9JR5700000057	DIGITAL TR DTC623TK SMT3	1
Q1155	057G 759 2	9JR5700000055	RK7002FD5T116 SOT-23 BY ROHM	1
Q1156	057G 759 2	9JR5700000055	RK7002FD5T116 SOT-23 BY ROHM	1
Q1157	057G 477900 T	9JR5700000052	TRA SIG SM BC847C (KEC0) R	1
Q401	057G 417511	9JR5700000001	MMBT3904	1
Q402	057G 417511	9JR5700000001	MMBT3904	1
Q502	057G 763910	9JR5700000073	FET 2SK1828 TO-236MOD	1
Q504	057G 477900 T	9JR5700000052	TRA SIG SM BC847C (KEC0) R	1
Q505	057G 477900 T	9JR5700000052	TRA SIG SM BC847C (KEC0) R	1
Q506	057G 477900 T	9JR5700000052	TRA SIG SM BC847C (KEC0) R	1
Q507	057G 477900 T	9JR5700000052	TRA SIG SM BC847C (KEC0) R	1
Q508	057G 763910	9JR5700000073	FET 2SK1828 TO-236MOD	1
Q601	057G 477904 T	9JR5700000053	TRA BC847BW 100mA/45V SOT-323	1
Q602	057G 761902 T	9JR5700000059	TRA BC857BW 100mA/50V SOT-323	1
Q605	057G 477900 T	9JR5700000052	TRA SIG SM BC847C (KEC0) R	1
Q701	057G 477900 T	9JR5700000052	TRA SIG SM BC847C (KEC0) R	1
Q702	057G 477900 T	9JR5700000052	TRA SIG SM BC847C (KEC0) R	1
Q703	057G 763913	9JR5700000065	MOSFET AO6415 TSOP6	1
Q704	057G 763941	9JR5700000089	MOSFET AON4421 DFN	1
Q705	057G 477900 T	9JR5700000052	TRA SIG SM BC847C (KEC0) R	1
Q706	057G 477900 T	9JR5700000052	TRA SIG SM BC847C (KEC0) R	1
Q707	057G 763941	9JR5700000089	MOSFET AON4421 DFN	1
Q750	057G 763941	9JR5700000089	MOSFET AON4421 DFN	1
Q751	057G 477900 T	9JR5700000052	TRA SIG SM BC847C (KEC0) R	1
R1002	061G0402472 JT	9JR6100000615	RST CHIP 4K7 1/16W 5% TZAI YUAN	1
R1003	061G0402472 JT	9JR6100000615	RST CHIP 4K7 1/16W 5% TZAI YUAN	1
R1005	061G0402103 JT	9JR6100000602	RST CHIP 10K 1/16W 5% TZAI YUAN	1
R1006	061G0402103 JT	9JR6100000602	RST CHIP 10K 1/16W 5% TZAI YUAN	1
R1007	061G0402103 JT	9JR6100000602	RST CHIP 10K 1/16W 5% TZAI YUAN	1
R1008	061G0402103 JT	9JR6100000602	RST CHIP 10K 1/16W 5% TZAI YUAN	1
R1010	061G0402000 JT	9JR6100000711	RST CHIPR MAX0R05 1/16W TZAI YUAN	1
R1011	061G06031000FT	9JR6100000002	RST CHIP 100R 1/10W 1%	1
R1012	061G06031000FT	9JR6100000002	RST CHIP 100R 1/10W 1%	1
R1013	061G0402000 JT	9JR6100000711	RST CHIPR MAX0R05 1/16W TZAI YUAN	1
R1017	061G0402000 JT	9JR6100000711	RST CHIPR MAX0R05 1/16W TZAI YUAN	1
R1018	061G0402000 JT	9JR6100000711	RST CHIPR MAX0R05 1/16W TZAI YUAN	1
R1019	061G0402102 JT	9JR6100000601	RST CHIP 1K 1/16W 5% TZAI YUAN	1
R1021	061G0402000 JT	9JR6100000711	RST CHIPR MAX0R05 1/16W TZAI YUAN	1
R1024	061G0402104 JT	9JR6100000603	RST CHIP 100K 1/16W 5% TZAI YUAN	1
R1025	061G0402000 JT	9JR6100000711	RST CHIPR MAX0R05 1/16W TZAI YUAN	1
R1031	061G0402103 JT	9JR6100000602	RST CHIP 10K 1/16W 5% TZAI YUAN	1
R1032	061G0402101 JT	9JR6100000600	RST CHIP 100R 1/16W 5% TZAI YUAN	1
R1033	061G0402101 JT	9JR6100000600	RST CHIP 100R 1/16W 5% TZAI YUAN	1
R1038	061G0402000 JT	9JR6100000711	RST CHIPR MAX0R05 1/16W TZAI YUAN	1
R1039	061G0402000 JT	9JR6100000711	RST CHIPR MAX0R05 1/16W TZAI YUAN	1
R1041	061G0603000 JT	9JR6100000620	RST CHIP MAX 0R05 1/10W TZAI YUAN	1
R1042	061G0402000 JT	9JR6100000711	RST CHIPR MAX0R05 1/16W TZAI YUAN	1
R1043	061G0603000 JT	9JR6100000620	RST CHIP MAX 0R05 1/10W TZAI YUAN	1
R1044	061G0603000 JT	9JR6100000620	RST CHIP MAX 0R05 1/10W TZAI YUAN	1

R1045	061G0402000 JT	9JR6100000711	RST CHIPR MAX0R05 1/16W TZAI YUAN	1
R1046	061G0402000 JT	9JR6100000711	RST CHIPR MAX0R05 1/16W TZAI YUAN	1
R1047	061G0402101 JT	9JR6100000600	RST CHIP 100R 1/16W 5% TZAI YUAN	1
R1048	061G0402101 JT	9JR6100000600	RST CHIP 100R 1/16W 5% TZAI YUAN	1
R1049	061G0603000 JT	9JR6100000620	RST CHIP MAX 0R05 1/10W TZAI YUAN	1
R1050	061G0603000 JT	9JR6100000620	RST CHIP MAX 0R05 1/10W TZAI YUAN	1
R1051	061G0603000 JT	9JR6100000620	RST CHIP MAX 0R05 1/10W TZAI YUAN	1
R1052	061G0603000 JT	9JR6100000620	RST CHIP MAX 0R05 1/10W TZAI YUAN	1
R1060	061G0402750 JT	9JR6100000618	RST CHIPR 75 OHM +-5% 1/16W TZAI YUAN	1
R1061	061G0402750 JT	9JR6100000618	RST CHIPR 75 OHM +-5% 1/16W TZAI YUAN	1
R1062	061G0402750 JT	9JR6100000618	RST CHIPR 75 OHM +-5% 1/16W TZAI YUAN	1
R1063	061G0402680 JT	9JR6100000617	RST CHIP 68R 1/16W 5% TZAI YUAN	1
R1064	061G0402680 JT	9JR6100000617	RST CHIP 68R 1/16W 5% TZAI YUAN	1
R1065	061G0402303 JT	9JR6100000878	RST CHIP R 30Kohm 1/16W +/-5% TZAI YUAN	1
R1067	061G0402303 JT	9JR6100000878	RST CHIP R 30Kohm 1/16W +/-5% TZAI YUAN	1
R1071	061G0402000 JT	9JR6100000711	RST CHIPR MAX0R05 1/16W TZAI YUAN	1
R1072	061G0402000 JT	9JR6100000711	RST CHIPR MAX0R05 1/16W TZAI YUAN	1
R1073	061G0402101 JT	9JR6100000600	RST CHIP 100R 1/16W 5% TZAI YUAN	1
R1078	061G0402000 JT	9JR6100000711	RST CHIPR MAX0R05 1/16W TZAI YUAN	1
R1079	061G0402000 JT	9JR6100000711	RST CHIPR MAX0R05 1/16W TZAI YUAN	1
R1080	061G0402000 JT	9JR6100000711	RST CHIPR MAX0R05 1/16W TZAI YUAN	1
R1081	061G0603000 JT	9JR6100000620	RST CHIP MAX 0R05 1/10W TZAI YUAN	1
R1082	061G06031002FT	9JR6100000680	RST CHIP 10K 1/10W 1%	1
R1083	061G0603102 JT	9JR6100000623	RST CHIP 1K 1/10W 5% TZAI YUAN	1
R1084	061G0402473 JT	9JR6100000616	RST CHIP 47K 1/16W 5% TZAI YUAN	1
R1085	061G0603331 JT	9JR6100000637	RST CHIPR 330OHM 1/10W TZAI YUAN	1
R1086	061G0603000 JT	9JR6100000620	RST CHIP MAX 0R05 1/10W TZAI YUAN	1
R1087	061G0402473 JT	9JR6100000616	RST CHIP 47K 1/16W 5% TZAI YUAN	1
R1088	061G0603331 JT	9JR6100000637	RST CHIPR 330OHM 1/10W TZAI YUAN	1
R1089	061G0603102 JT	9JR6100000623	RST CHIP 1K 1/10W 5% TZAI YUAN	1
R1099	061G0402750 JT	9JR6100000618	RST CHIPR 75 OHM +-5% 1/16W TZAI YUAN	1
R1100	061G0402000 JT	9JR6100000711	RST CHIPR MAX0R05 1/16W TZAI YUAN	1
R1101	061G0402750 JT	9JR6100000618	RST CHIPR 75 OHM +-5% 1/16W TZAI YUAN	1
R1102	061G0402000 JT	9JR6100000711	RST CHIPR MAX0R05 1/16W TZAI YUAN	1
R1103	061G0603103 JT	9JR6100000624	RST CHIP 10K 1/10W 5% TZAI YUAN	1
R1104	061G0603103 JT	9JR6100000624	RST CHIP 10K 1/10W 5% TZAI YUAN	1
R1105	061G0603363 JT	9JR6100000888	RST CHIPR 36K OHM +-5% 1/10W TZAI YUAN	1
R1106	061G0603000 JT	9JR6100000620	RST CHIP MAX 0R05 1/10W TZAI YUAN	1
R1107	061G0603103 JT	9JR6100000624	RST CHIP 10K 1/10W 5% TZAI YUAN	1
R1108	061G0402000 JT	9JR6100000711	RST CHIPR MAX0R05 1/16W TZAI YUAN	1
R1109	061G0402472 JT	9JR6100000615	RST CHIP 4K7 1/16W 5% TZAI YUAN	1
R1110	061G0603472 JT	9JR6100000641	RST CHIP 4K7 1/10W 5% TZAI YUAN	1
R1111	061G0603363 JT	9JR6100000888	RST CHIPR 36K OHM +-5% 1/10W TZAI YUAN	1
R1112	061G0603363 JT	9JR6100000888	RST CHIPR 36K OHM +-5% 1/10W TZAI YUAN	1
R1113	061G0603000 JT	9JR6100000620	RST CHIP MAX 0R05 1/10W TZAI YUAN	1
R1114	061G0402472 JT	9JR6100000615	RST CHIP 4K7 1/16W 5% TZAI YUAN	1
R1115	061G0603000 JT	9JR6100000620	RST CHIP MAX 0R05 1/10W TZAI YUAN	1
R1116	061G0603472 JT	9JR6100000641	RST CHIP 4K7 1/10W 5% TZAI YUAN	1
R1117	061G0603000 JT	9JR6100000620	RST CHIP MAX 0R05 1/10W TZAI YUAN	1
R1118	061G0603103 JT	9JR6100000624	RST CHIP 10K 1/10W 5% TZAI YUAN	1
R1119	061G0603363 JT	9JR6100000888	RST CHIPR 36K OHM +-5% 1/10W TZAI YUAN	1
R1121	061G06031002FT	9JR6100000680	RST CHIP 10K 1/10W 1%	1
R1122	061G0603000 JT	9JR6100000620	RST CHIP MAX 0R05 1/10W TZAI YUAN	1
R1126	061G0402000 JT	9JR6100000711	RST CHIPR MAX0R05 1/16W TZAI YUAN	1
R1127	061G0603000 JT	9JR6100000620	RST CHIP MAX 0R05 1/10W TZAI YUAN	1
R1129	061G0603750 JT	9JR6100000644	RST CHIP 75R 1/10W 5% TZAI YUAN	1
R1131	061G0402513 JT	9JR6100000882	RST CHIP 51K 1/16W 5% TZAI YUAN	1
R1133	061G0603000 JT	9JR6100000620	RST CHIP MAX 0R05 1/10W TZAI YUAN	1
R1134	061G0402103 JT	9JR6100000602	RST CHIP 10K 1/16W 5% TZAI YUAN	1
R1135	061G0402680 JT	9JR6100000617	RST CHIP 68R 1/16W 5% TZAI YUAN	1
R1137	061G0402101 JT	9JR6100000600	RST CHIP 100R 1/16W 5% TZAI YUAN	1
R1138	061G0402750 JT	9JR6100000618	RST CHIPR 75 OHM +-5% 1/16W TZAI YUAN	1
R1150	061G0402303 JT	9JR6100000878	RST CHIP R 30Kohm 1/16W +/-5% TZAI YUAN	1
R1151	061G0402303 JT	9JR6100000878	RST CHIP R 30Kohm 1/16W +/-5% TZAI YUAN	1
R1152	061G0402303 JT	9JR6100000878	RST CHIP R 30Kohm 1/16W +/-5% TZAI YUAN	1
R1153	061G0402303 JT	9JR6100000878	RST CHIP R 30Kohm 1/16W +/-5% TZAI YUAN	1
R1154	061G0402303 JT	9JR6100000878	RST CHIP R 30Kohm 1/16W +/-5% TZAI YUAN	1

R1155	061G0402303 JT	9JR6100000878	RST CHIP R 30Kohm 1/16W +/-5% TZAI YUAN	1
R1156	061G0402000 JT	9JR6100000711	RST CHIPR MAX0R05 1/16W TZAI YUAN	1
R1157	061G0603103 JT	9JR6100000624	RST CHIP 10K 1/10W 5% TZAI YUAN	1
R1158	061G0402680 JT	9JR6100000617	RST CHIP 68R 1/16W 5% TZAI YUAN	1
R1159	061G0603103 JT	9JR6100000624	RST CHIP 10K 1/10W 5% TZAI YUAN	1
R1160	061G0402101 JT	9JR6100000600	RST CHIP 100R 1/16W 5% TZAI YUAN	1
R1161	061G04025609FT	9JR6100000344	RST CHIP 56R 1/16W 1%	1
R1162	061G0402101 JT	9JR6100000600	RST CHIP 100R 1/16W 5% TZAI YUAN	1
R1163	061G0402103 JT	9JR6100000602	RST CHIP 10K 1/16W 5% TZAI YUAN	1
R1164	061G0402680 JT	9JR6100000617	RST CHIP 68R 1/16W 5% TZAI YUAN	1
R1165	061G0603000 JT	9JR6100000620	RST CHIP MAX 0R05 1/10W TZAI YUAN	1
R1166	061G04025609FT	9JR6100000344	RST CHIP 56R 1/16W 1%	1
R1167	061G0603000 JT	9JR6100000620	RST CHIP MAX 0R05 1/10W TZAI YUAN	1
R1168	061G0402180 JT	9JR6100000605	RST CHIP 18R 1/16W 5% TZAI YUAN	1
R1169	061G04025609FT	9JR6100000344	RST CHIP 56R 1/16W 1%	1
R1170	061G0402180 JT	9JR6100000605	RST CHIP 18R 1/16W 5% TZAI YUAN	1
R1171	061G0402680 JT	9JR6100000617	RST CHIP 68R 1/16W 5% TZAI YUAN	1
R1172	061G0402180 JT	9JR6100000605	RST CHIP 18R 1/16W 5% TZAI YUAN	1
R1173	061G0402000 JT	9JR6100000711	RST CHIPR MAX0R05 1/16W TZAI YUAN	1
R1174	061G0402750 JT	9JR6100000618	RST CHIPR 75 OHM +-5% 1/16W TZAI YUAN	1
R1175	061G0402680 JT	9JR6100000617	RST CHIP 68R 1/16W 5% TZAI YUAN	1
R1176	061G0402750 JT	9JR6100000618	RST CHIPR 75 OHM +-5% 1/16W TZAI YUAN	1
R1177	061G0402000 JT	9JR6100000711	RST CHIPR MAX0R05 1/16W TZAI YUAN	1
R1178	061G0402680 JT	9JR6100000617	RST CHIP 68R 1/16W 5% TZAI YUAN	1
R1179	061G0402750 JT	9JR6100000618	RST CHIPR 75 OHM +-5% 1/16W TZAI YUAN	1
R1180	061G0402680 JT	9JR6100000617	RST CHIP 68R 1/16W 5% TZAI YUAN	1
R1181	061G0402101 JT	9JR6100000600	RST CHIP 100R 1/16W 5% TZAI YUAN	1
R1182	061G0603103 JT	9JR6100000624	RST CHIP 10K 1/10W 5% TZAI YUAN	1
R1183	061G0603101 JT	9JR6100000622	RST CHIP 100R 1/10W 5% TZAI YUAN	1
R1184	061G0603152 JT	9JR6100000884	RST CHIP 1K5 1/10W 5% TZAI YUAN	1
R1185	061G0603152 JT	9JR6100000884	RST CHIP 1K5 1/10W 5% TZAI YUAN	1
R1186	061G0402000 JT	9JR6100000711	RST CHIPR MAX0R05 1/16W TZAI YUAN	1
R1187	061G0603750 JT	9JR6100000644	RST CHIP 75R 1/10W 5% TZAI YUAN	1
R1188	061G0402472 JT	9JR6100000615	RST CHIP 4K7 1/16W 5% TZAI YUAN	1
R1189	061G06032400FT	9JR6100000885	RST CHIP 240R 1/10W 1%	1
R1190	061G0402750 JT	9JR6100000618	RST CHIPR 75 OHM +-5% 1/16W TZAI YUAN	1
R1191	061G0402750 JT	9JR6100000618	RST CHIPR 75 OHM +-5% 1/16W TZAI YUAN	1
R1192	061G0402101 JT	9JR6100000600	RST CHIP 100R 1/16W 5% TZAI YUAN	1
R1193	061G0402101 JT	9JR6100000600	RST CHIP 100R 1/16W 5% TZAI YUAN	1
R1194	061G0603101 JT	9JR6100000622	RST CHIP 100R 1/10W 5% TZAI YUAN	1
R1195	061G0402103 JT	9JR6100000602	RST CHIP 10K 1/16W 5% TZAI YUAN	1
R1196	061G0402101 JT	9JR6100000600	RST CHIP 100R 1/16W 5% TZAI YUAN	1
R1197	061G0603750 JT	9JR6100000644	RST CHIP 75R 1/10W 5% TZAI YUAN	1
R1198	061G0402101 JT	9JR6100000600	RST CHIP 100R 1/16W 5% TZAI YUAN	1
R1199	061G0402750 JT	9JR6100000618	RST CHIPR 75 OHM +-5% 1/16W TZAI YUAN	1
R1200	061G0402000 JT	9JR6100000711	RST CHIPR MAX0R05 1/16W TZAI YUAN	1
R1201	061G0402000 JT	9JR6100000711	RST CHIPR MAX0R05 1/16W TZAI YUAN	1
R1202	061G0402000 JT	9JR6100000711	RST CHIPR MAX0R05 1/16W TZAI YUAN	1
R1203	061G0402473 JT	9JR6100000616	RST CHIP 47K 1/16W 5% TZAI YUAN	1
R1204	061G0603331 JT	9JR6100000637	RST CHIPR 330OHM 1/10W TZAI YUAN	1
R1205	061G0402102 JT	9JR6100000601	RST CHIP 1K 1/16W 5% TZAI YUAN	1
R1206	061G0402000 JT	9JR6100000711	RST CHIPR MAX0R05 1/16W TZAI YUAN	1
R1207	061G0402473 JT	9JR6100000616	RST CHIP 47K 1/16W 5% TZAI YUAN	1
R1208	061G0603331 JT	9JR6100000637	RST CHIPR 330OHM 1/10W TZAI YUAN	1
R1209	061G0402102 JT	9JR6100000601	RST CHIP 1K 1/16W 5% TZAI YUAN	1
R4000	061G0402472 JT	9JR6100000615	RST CHIP 4K7 1/16W 5% TZAI YUAN	1
R4001	061G0402472 JT	9JR6100000615	RST CHIP 4K7 1/16W 5% TZAI YUAN	1
R4003	061G0402472 JT	9JR6100000615	RST CHIP 4K7 1/16W 5% TZAI YUAN	1
R4004	061G0402472 JT	9JR6100000615	RST CHIP 4K7 1/16W 5% TZAI YUAN	1
R4005	061G0402472 JT	9JR6100000615	RST CHIP 4K7 1/16W 5% TZAI YUAN	1
R4006	061G0402472 JT	9JR6100000615	RST CHIP 4K7 1/16W 5% TZAI YUAN	1
R4050	061G06035600FT	9JR6100000892	RST CHIP 560R 1/10W 1%	1
R4051	061G0402000 JT	9JR6100000711	RST CHIPR MAX0R05 1/16W TZAI YUAN	1
R4052	061G0402000 JT	9JR6100000711	RST CHIPR MAX0R05 1/16W TZAI YUAN	1
R4056	061G0603000 JT	9JR6100000620	RST CHIP MAX 0R05 1/10W TZAI YUAN	1
R4057	061G0603000 JT	9JR6100000620	RST CHIP MAX 0R05 1/10W TZAI YUAN	1
R4058	061G0603000 JT	9JR6100000620	RST CHIP MAX 0R05 1/10W TZAI YUAN	1

R4059	061G0603000 JT	9JR6100000620	RST CHIP MAX 0R05 1/10W TZAI YUAN	1
R406	061G0603102 JT	9JR6100000623	RST CHIP 1K 1/10W 5% TZAI YUAN	1
R4060	061G0603000 JT	9JR6100000620	RST CHIP MAX 0R05 1/10W TZAI YUAN	1
R4061	061G0603000 JT	9JR6100000620	RST CHIP MAX 0R05 1/10W TZAI YUAN	1
R4062	061G0603000 JT	9JR6100000620	RST CHIP MAX 0R05 1/10W TZAI YUAN	1
R4063	061G0603000 JT	9JR6100000620	RST CHIP MAX 0R05 1/10W TZAI YUAN	1
R407	061G0603472 JT	9JR6100000641	RST CHIP 4K7 1/10W 5% TZAI YUAN	1
R408	061G0603101 JT	9JR6100000622	RST CHIP 100R 1/10W 5% TZAI YUAN	1
R409	061G0603472 JT	9JR6100000641	RST CHIP 4K7 1/10W 5% TZAI YUAN	1
R4100	061G06031001FT	9JR6100000458	RST CHIP 1K 1/10W 1%	1
R4101	061G06031001FT	9JR6100000458	RST CHIP 1K 1/10W 1%	1
R4102	061G06031001FT	9JR6100000458	RST CHIP 1K 1/10W 1%	1
R4103	061G06031001FT	9JR6100000458	RST CHIP 1K 1/10W 1%	1
R4104	061G06031001FT	9JR6100000458	RST CHIP 1K 1/10W 1%	1
R4105	061G06031001FT	9JR6100000458	RST CHIP 1K 1/10W 1%	1
R4106	061G0402101 JT	9JR6100000600	RST CHIP 100R 1/16W 5% TZAI YUAN	1
R4107	061G0402101 JT	9JR6100000600	RST CHIP 100R 1/16W 5% TZAI YUAN	1
R4108	061G0402101 JT	9JR6100000600	RST CHIP 100R 1/16W 5% TZAI YUAN	1
R4109	061G0402220 JT	9JR6100000607	RST CHIP 22R 1/16W 5% TZAI YUAN	1
R411	061G0603202 JT	9JR6100000694	RST CHIPR 2KOHM 1/10W TZAI YUAN	1
R4110	061G0402220 JT	9JR6100000607	RST CHIP 22R 1/16W 5% TZAI YUAN	1
R4111	061G0402220 JT	9JR6100000607	RST CHIP 22R 1/16W 5% TZAI YUAN	1
R4112	061G0402220 JT	9JR6100000607	RST CHIP 22R 1/16W 5% TZAI YUAN	1
R413	061G0603472 JT	9JR6100000641	RST CHIP 4K7 1/10W 5% TZAI YUAN	1
R414	061G0805103 JT	9JR6100000895	RST CHIPR 10K OHM +- 5% 1/8W TZAI YUAN	1
R4151	061G0603000 JT	9JR6100000620	RST CHIP MAX 0R05 1/10W TZAI YUAN	1
R4152	061G0603109 JT	9JR6100000627	RST CHIP 1R 1/10W 5% TZAI YUAN	1
R4153	061G06031001FT	9JR6100000458	RST CHIP 1K 1/10W 1%	1
R4154	061G06036801FT	9JR6100000495	RST CHIP 6K8 1/10W 1%	1
R4156	061G0603000 JT	9JR6100000620	RST CHIP MAX 0R05 1/10W TZAI YUAN	1
R4158	061G0402331 JT	9JR6100000612	RST CHIP 330R 1/16W 5% TZAI YUAN	1
R4159	061G0603101 JT	9JR6100000622	RST CHIP 100R 1/10W 5% TZAI YUAN	1
R4160	061G0603000 JT	9JR6100000620	RST CHIP MAX 0R05 1/10W TZAI YUAN	1
R4162	061G0603163 JT	9JR6100000630	RST CHIP 16K 1/10W 5% TZAI YUAN	1
R4163	061G0603163 JT	9JR6100000630	RST CHIP 16K 1/10W 5% TZAI YUAN	1
R4164	061G0402103 JT	9JR6100000602	RST CHIP 10K 1/16W 5% TZAI YUAN	1
R4165	061G0402102 JT	9JR6100000601	RST CHIP 1K 1/16W 5% TZAI YUAN	1
R4166	061G0402103 JT	9JR6100000602	RST CHIP 10K 1/16W 5% TZAI YUAN	1
R4167	061G0402103 JT	9JR6100000602	RST CHIP 10K 1/16W 5% TZAI YUAN	1
R4168	061G0402103 JT	9JR6100000602	RST CHIP 10K 1/16W 5% TZAI YUAN	1
R4169	061G0402103 JT	9JR6100000602	RST CHIP 10K 1/16W 5% TZAI YUAN	1
R4170	061G0402103 JT	9JR6100000602	RST CHIP 10K 1/16W 5% TZAI YUAN	1
R4171	061G04023901FT	9JR6100000879	RST 0402 3.9K 1% 1/16W TZAI YUAN	1
R4172	061G06031000FT	9JR6100000002	RST CHIP 100R 1/10W 1%	1
R4173	061G04023901FT	9JR6100000879	RST 0402 3.9K 1% 1/16W TZAI YUAN	1
R4174	061G0402103 JT	9JR6100000602	RST CHIP 10K 1/16W 5% TZAI YUAN	1
R4175	061G06031000FT	9JR6100000002	RST CHIP 100R 1/10W 1%	1
R4176	061G0402330 JT	9JR6100000611	RST CHIP 33R 1/16W 5% TZAI YUAN	1
R4177	061G0402103 JT	9JR6100000602	RST CHIP 10K 1/16W 5% TZAI YUAN	1
R4179	061G0603000 JT	9JR6100000620	RST CHIP MAX 0R05 1/10W TZAI YUAN	1
R418	061G0603000 JT	9JR6100000620	RST CHIP MAX 0R05 1/10W TZAI YUAN	1
R4180	061G0402104 JT	9JR6100000603	RST CHIP 100K 1/16W 5% TZAI YUAN	1
R4181	061G0603331 JT	9JR6100000637	RST CHIPR 330OHM 1/10W TZAI YUAN	1
R4182	061G0402472 JT	9JR6100000615	RST CHIP 4K7 1/16W 5% TZAI YUAN	1
R4183	061G0603331 JT	9JR6100000637	RST CHIPR 330OHM 1/10W TZAI YUAN	1
R4184	061G0402472 JT	9JR6100000615	RST CHIP 4K7 1/16W 5% TZAI YUAN	1
R4185	061G0402472 JT	9JR6100000615	RST CHIP 4K7 1/16W 5% TZAI YUAN	1
R4186	061G0402472 JT	9JR6100000615	RST CHIP 4K7 1/16W 5% TZAI YUAN	1
R4187	061G0402472 JT	9JR6100000615	RST CHIP 4K7 1/16W 5% TZAI YUAN	1
R4188	061G0402472 JT	9JR6100000615	RST CHIP 4K7 1/16W 5% TZAI YUAN	1
R4189	061G0402472 JT	9JR6100000615	RST CHIP 4K7 1/16W 5% TZAI YUAN	1
R419	061G0603000 JT	9JR6100000620	RST CHIP MAX 0R05 1/10W TZAI YUAN	1
R4190	061G0402472 JT	9JR6100000615	RST CHIP 4K7 1/16W 5% TZAI YUAN	1
R4191	061G0402472 JT	9JR6100000615	RST CHIP 4K7 1/16W 5% TZAI YUAN	1
R4192	061G0402000 JT	9JR6100000711	RST CHIPR MAX0R05 1/16W TZAI YUAN	1
R4193	061G0603000 JT	9JR6100000620	RST CHIP MAX 0R05 1/10W TZAI YUAN	1
R4194	061G0402472 JT	9JR6100000615	RST CHIP 4K7 1/16W 5% TZAI YUAN	1

R4195	061G0402472 JT	9JR6100000615	RST CHIP 4K7 1/16W 5% TZAI YUAN	1
R4196	061G0402471 JT	9JR6100000880	RST CHIP 470R 1/16W 5% TZAI YUAN	1
R4197	061G0402472 JT	9JR6100000615	RST CHIP 4K7 1/16W 5% TZAI YUAN	1
R4198	061G0603000 JT	9JR6100000620	RST CHIP MAX 0R05 1/10W TZAI YUAN	1
R4199	061G0603101 JT	9JR6100000622	RST CHIP 100R 1/10W 5% TZAI YUAN	1
R420	061G0603000 JT	9JR6100000620	RST CHIP MAX 0R05 1/10W TZAI YUAN	1
R4200	061G0603472 JT	9JR6100000641	RST CHIP 4K7 1/10W 5% TZAI YUAN	1
R4201	061G0603472 JT	9JR6100000641	RST CHIP 4K7 1/10W 5% TZAI YUAN	1
R4202	061G0402220 JT	9JR6100000607	RST CHIP 22R 1/16W 5% TZAI YUAN	1
R4203	061G0402220 JT	9JR6100000607	RST CHIP 22R 1/16W 5% TZAI YUAN	1
R4204	061G0402220 JT	9JR6100000607	RST CHIP 22R 1/16W 5% TZAI YUAN	1
R4205	061G0402220 JT	9JR6100000607	RST CHIP 22R 1/16W 5% TZAI YUAN	1
R4206	061G0402220 JT	9JR6100000607	RST CHIP 22R 1/16W 5% TZAI YUAN	1
R4207	061G0402220 JT	9JR6100000607	RST CHIP 22R 1/16W 5% TZAI YUAN	1
R4208	061G0402220 JT	9JR6100000607	RST CHIP 22R 1/16W 5% TZAI YUAN	1
R4209	061G0402220 JT	9JR6100000607	RST CHIP 22R 1/16W 5% TZAI YUAN	1
R4210	061G0402220 JT	9JR6100000607	RST CHIP 22R 1/16W 5% TZAI YUAN	1
R4211	061G0402220 JT	9JR6100000607	RST CHIP 22R 1/16W 5% TZAI YUAN	1
R4212	061G0402220 JT	9JR6100000607	RST CHIP 22R 1/16W 5% TZAI YUAN	1
R4213	061G0402220 JT	9JR6100000607	RST CHIP 22R 1/16W 5% TZAI YUAN	1
R4214	061G0402220 JT	9JR6100000607	RST CHIP 22R 1/16W 5% TZAI YUAN	1
R4215	061G0402220 JT	9JR6100000607	RST CHIP 22R 1/16W 5% TZAI YUAN	1
R4216	061G0402220 JT	9JR6100000607	RST CHIP 22R 1/16W 5% TZAI YUAN	1
R4217	061G0402220 JT	9JR6100000607	RST CHIP 22R 1/16W 5% TZAI YUAN	1
R4218	061G0402220 JT	9JR6100000607	RST CHIP 22R 1/16W 5% TZAI YUAN	1
R4219	061G0402220 JT	9JR6100000607	RST CHIP 22R 1/16W 5% TZAI YUAN	1
R4220	061G0402220 JT	9JR6100000607	RST CHIP 22R 1/16W 5% TZAI YUAN	1
R4221	061G0402220 JT	9JR6100000607	RST CHIP 22R 1/16W 5% TZAI YUAN	1
R4222	061G0603103 JT	9JR6100000624	RST CHIP 10K 1/10W 5% TZAI YUAN	1
R4223	061G0603103 JT	9JR6100000624	RST CHIP 10K 1/10W 5% TZAI YUAN	1
R4224	061G0603103 JT	9JR6100000624	RST CHIP 10K 1/10W 5% TZAI YUAN	1
R4225	061G0603103 JT	9JR6100000624	RST CHIP 10K 1/10W 5% TZAI YUAN	1
R4226	061G0603103 JT	9JR6100000624	RST CHIP 10K 1/10W 5% TZAI YUAN	1
R4227	061G0603103 JT	9JR6100000624	RST CHIP 10K 1/10W 5% TZAI YUAN	1
R4229	061G0603470 JT	9JR6100000889	RST CHIP 47R 1/10W 5% TZAI YUAN	1
R4230	061G0603470 JT	9JR6100000889	RST CHIP 47R 1/10W 5% TZAI YUAN	1
R4231	061G0603104 JT	9JR6100000625	RST CHIP 100K 1/10W 5% TZAI YUAN	1
R4232	061G0402472 JT	9JR6100000615	RST CHIP 4K7 1/16W 5% TZAI YUAN	1
R4233	061G0603103 JT	9JR6100000624	RST CHIP 10K 1/10W 5% TZAI YUAN	1
R501	061G0402000 JT	9JR6100000711	RST CHIPR MAX0R05 1/16W TZAI YUAN	1
R502	061G0402273 JT	9JR6100000610	RST CHIP 27K 1/16W 5% TZAI YUAN	1
R504	061G0402000 JT	9JR6100000711	RST CHIPR MAX0R05 1/16W TZAI YUAN	1
R518	061G0402103 JT	9JR6100000602	RST CHIP 10K 1/16W 5% TZAI YUAN	1
R519	061G0402473 JT	9JR6100000616	RST CHIP 47K 1/16W 5% TZAI YUAN	1
R520	061G0402473 JT	9JR6100000616	RST CHIP 47K 1/16W 5% TZAI YUAN	1
R521	061G0402101 JT	9JR6100000600	RST CHIP 100R 1/16W 5% TZAI YUAN	1
R522	061G0402101 JT	9JR6100000600	RST CHIP 100R 1/16W 5% TZAI YUAN	1
R524	061G0402330 JT	9JR6100000611	RST CHIP 33R 1/16W 5% TZAI YUAN	1
R525	061G0402474 JT	9JR6100000881	RST CHIP 470K 1/16W 5% TZAI YUAN	1
R526	061G0603102 JT	9JR6100000623	RST CHIP 1K 1/10W 5% TZAI YUAN	1
R527	061G0402102 JT	9JR6100000601	RST CHIP 1K 1/16W 5% TZAI YUAN	1
R528	061G0402472 JT	9JR6100000615	RST CHIP 4K7 1/16W 5% TZAI YUAN	1
R529	061G0402101 JT	9JR6100000600	RST CHIP 100R 1/16W 5% TZAI YUAN	1
R530	061G0402101 JT	9JR6100000600	RST CHIP 100R 1/16W 5% TZAI YUAN	1
R531	061G0402474 JT	9JR6100000881	RST CHIP 470K 1/16W 5% TZAI YUAN	1
R532	061G0402102 JT	9JR6100000601	RST CHIP 1K 1/16W 5% TZAI YUAN	1
R533	061G0402102 JT	9JR6100000601	RST CHIP 1K 1/16W 5% TZAI YUAN	1
R534	061G0603000 JT	9JR6100000620	RST CHIP MAX 0R05 1/10W TZAI YUAN	1
R535	061G0603103 JT	9JR6100000624	RST CHIP 10K 1/10W 5% TZAI YUAN	1
R536	061G0603473 JT	9JR6100000642	RST CHIP 47K 1/10W 5% TZAI YUAN	1
R537	061G0603473 JT	9JR6100000642	RST CHIP 47K 1/10W 5% TZAI YUAN	1
R538	061G0603330 JT	9JR6100000636	RST CHIP 33R 1/10W 5% TZAI YUAN	1
R539	061G0603472 JT	9JR6100000641	RST CHIP 4K7 1/10W 5% TZAI YUAN	1
R540	061G0402472 JT	9JR6100000615	RST CHIP 4K7 1/16W 5% TZAI YUAN	1
R541	061G0402472 JT	9JR6100000615	RST CHIP 4K7 1/16W 5% TZAI YUAN	1
R562	061G06035101FT	9JR6100000490	RST CHIP 5K1 1/10W 1%	1
R565	061G0603000 JT	9JR6100000620	RST CHIP MAX 0R05 1/10W TZAI YUAN	1

R566	061G0603000 JT	9JR6100000620	RST CHIP MAX 0R05 1/10W TZAI YUAN	1
R567	061G0603000 JT	9JR6100000620	RST CHIP MAX 0R05 1/10W TZAI YUAN	1
R601	061G0402472 JT	9JR6100000615	RST CHIP 4K7 1/16W 5% TZAI YUAN	1
R604	061G0402223 JT	9JR6100000609	RST CHIP 22K 1/16W 5% TZAI YUAN	1
R605	061G0402472 JT	9JR6100000615	RST CHIP 4K7 1/16W 5% TZAI YUAN	1
R606	061G0402104 JT	9JR6100000603	RST CHIP 100K 1/16W 5% TZAI YUAN	1
R607	061G0402102 JT	9JR6100000601	RST CHIP 1K 1/16W 5% TZAI YUAN	1
R608	061G0402472 JT	9JR6100000615	RST CHIP 4K7 1/16W 5% TZAI YUAN	1
R609	061G0603100 JT	9JR6100000621	RST CHIP 10R 1/10W 5% TZAI YUAN	1
R611	061G0402000 JT	9JR6100000711	RST CHIPR MAX0R05 1/16W TZAI YUAN	1
R612	061G0402103 JT	9JR6100000602	RST CHIP 10K 1/16W 5% TZAI YUAN	1
R613	061G0402103 JT	9JR6100000602	RST CHIP 10K 1/16W 5% TZAI YUAN	1
R614	061G0402472 JT	9JR6100000615	RST CHIP 4K7 1/16W 5% TZAI YUAN	1
R615	061G0402472 JT	9JR6100000615	RST CHIP 4K7 1/16W 5% TZAI YUAN	1
R617	061G0402103 JT	9JR6100000602	RST CHIP 10K 1/16W 5% TZAI YUAN	1
R618	061G0603100 JT	9JR6100000621	RST CHIP 10R 1/10W 5% TZAI YUAN	1
R622	061G0402472 JT	9JR6100000615	RST CHIP 4K7 1/16W 5% TZAI YUAN	1
R624	061G0402473 JT	9JR6100000616	RST CHIP 47K 1/16W 5% TZAI YUAN	1
R628	061G0402473 JT	9JR6100000616	RST CHIP 47K 1/16W 5% TZAI YUAN	1
R629	061G0402103 JT	9JR6100000602	RST CHIP 10K 1/16W 5% TZAI YUAN	1
R630	061G1206100 JT	9JR6100000370	RST CHIPR 10 OHM +-5% 1/4W TZAI YUAN	1
R631	061G0402153 JT	9JR6100000876	RST CHIP 15K 1/16W 5% TZAI YUAN	1
R632	061G0402103 JT	9JR6100000602	RST CHIP 10K 1/16W 5% TZAI YUAN	1
R634	061G0402000 JT	9JR6100000711	RST CHIPR MAX0R05 1/16W TZAI YUAN	1
R637	061G04021000FT	9JR6100000672	RST CHIP 100R 1/16W 1%	1
R638	061G04021000FT	9JR6100000672	RST CHIP 100R 1/16W 1%	1
R639	061G0402100 JT	9JR6100000875	RST CHIP 10R 1/16W 5% TZAI YUAN	1
R640	061G0402100 JT	9JR6100000875	RST CHIP 10R 1/16W 5% TZAI YUAN	1
R641	061G0402100 JT	9JR6100000875	RST CHIP 10R 1/16W 5% TZAI YUAN	1
R642	061G0402100 JT	9JR6100000875	RST CHIP 10R 1/16W 5% TZAI YUAN	1
R643	061G0402000 JT	9JR6100000711	RST CHIPR MAX0R05 1/16W TZAI YUAN	1
R644	061G0402000 JT	9JR6100000711	RST CHIPR MAX0R05 1/16W TZAI YUAN	1
R647	061G04024700FT	9JR6100000678	RST CHIP 470R 1/16W 1%	1
R648	061G04024700FT	9JR6100000678	RST CHIP 470R 1/16W 1%	1
R701	061G0603223 JT	9JR6100000635	RST CHIPR 22KOHM 1/10W TZAI YUAN	1
R702	061G0603333 JT	9JR6100000638	RST CHIP 33K 1/10W 5% TZAI YUAN	1
R704	061G0402101 JT	9JR6100000600	RST CHIP 100R 1/16W 5% TZAI YUAN	1
R705	061G0402272 JT	9JR6100000877	RST CHIP 2K7 1/16W 5% TZAI YUAN	1
R707	061G0402103 JT	9JR6100000602	RST CHIP 10K 1/16W 5% TZAI YUAN	1
R708	061G0603333 JT	9JR6100000638	RST CHIP 33K 1/10W 5% TZAI YUAN	1
R710	061G0402102 JT	9JR6100000601	RST CHIP 1K 1/16W 5% TZAI YUAN	1
R711	061G0603223 JT	9JR6100000635	RST CHIPR 22KOHM 1/10W TZAI YUAN	1
R712	061G0402102 JT	9JR6100000601	RST CHIP 1K 1/16W 5% TZAI YUAN	1
R714	061G0402472 JT	9JR6100000615	RST CHIP 4K7 1/16W 5% TZAI YUAN	1
R715	061G0603000 JT	9JR6100000620	RST CHIP MAX 0R05 1/10W TZAI YUAN	1
R716	061G0603000 JT	9JR6100000620	RST CHIP MAX 0R05 1/10W TZAI YUAN	1
R717	061G06031200FT	9JR6100000535	RST CHIP 120R 1/10W 1%	1
R718	061G06031001FT	9JR6100000458	RST CHIP 1K 1/10W 1%	1
R719	061G06031501FT	9JR6100000883	RST CHIP 1K5 1/10W 1%	1
R720	061G06033001FT	9JR6100000886	RST CHIP 3K 1/10W 1%	1
R721	061G06031002FT	9JR6100000680	RST CHIP 10K 1/10W 1%	1
R722	061G06031002FT	9JR6100000680	RST CHIP 10K 1/10W 1%	1
R723	061G06033002FT	9JR6100000887	RST CHIP 30K 1/10W 1%	1
R724	061G0402473 JT	9JR6100000616	RST CHIP 47K 1/16W 5% TZAI YUAN	1
R725	061G0603000 JT	9JR6100000620	RST CHIP MAX 0R05 1/10W TZAI YUAN	1
R726	061G0603000 JT	9JR6100000620	RST CHIP MAX 0R05 1/10W TZAI YUAN	1
R727	061G12060004JY	9JR6100000896	RST CHIPR MAX0R05 4A 1/4W YAGEO	1
R728	061G0603103 JT	9JR6100000624	RST CHIP 10K 1/10W 5% TZAI YUAN	1
R730	061G0603752 JT	9JR6100000894	RST CHIP 7K5 1/10W 5% TZAI YUAN	1
R731	061G06035609FT	9JR6100000893	RST CHIP 56R 1/10W 1%	1
R733	061G06035101FT	9JR6100000490	RST CHIP 5K1 1/10W 1%	1
R750	061G0603103 JT	9JR6100000624	RST CHIP 10K 1/10W 5% TZAI YUAN	1
R751	061G12060004JY	9JR6100000896	RST CHIPR MAX0R05 4A 1/4W YAGEO	1
R752	061G0603512 JT	9JR6100000891	RST CHIPR 5.1KOHM +-5% 1/10W TZAI YUAN	1
R755	061G0603103 JT	9JR6100000624	RST CHIP 10K 1/10W 5% TZAI YUAN	1
R756	061G06031200FT	9JR6100000535	RST CHIP 120R 1/10W 1%	1
R757	061G0603109 JT	9JR6100000627	RST CHIP 1R 1/10W 5% TZAI YUAN	1

R758	061G0603752 JT	9JR6100000894	RST CHIP 7K5 1/10W 5% TZAI YUAN	1
R759	061G06032002FT	9JR6100000855	RST CHIP 20K 1/10W 1%	1
R760	061G06032202FT	9JR6100000474	RST CHIP 22K 1/10W 1%	1
R761	061G06034701FT	9JR6100000890	RST CHIP 4K7 1/10W 1%	1
R762	061G06031200FT	9JR6100000535	RST CHIP 120R 1/10W 1%	1
R763	061G0603109 JT	9JR6100000627	RST CHIP 1R 1/10W 5% TZAI YUAN	1
RP1000	061G 1260008JY	9JR6100000873	RST CHIP AR 8P4R 0 OHM +-5% 1/16W	1
RP1001	061G 1260008JY	9JR6100000873	RST CHIP AR 8P4R 0 OHM +-5% 1/16W	1
RP1002	061G 1260008JY	9JR6100000873	RST CHIP AR 8P4R 0 OHM +-5% 1/16W	1
RP1003	061G 1260008JY	9JR6100000873	RST CHIP AR 8P4R 0 OHM +-5% 1/16W	1
RP4100	061G 1265608JY	9JR6100000874	RST CHIP ARRAY 56R 1/16W 5% 8P4R	1
RP4101	061G 1265608JY	9JR6100000874	RST CHIP ARRAY 56R 1/16W 5% 8P4R	1
RP4102	061G 1265608JY	9JR6100000874	RST CHIP ARRAY 56R 1/16W 5% 8P4R	1
RP4103	061G 1265608JY	9JR6100000874	RST CHIP ARRAY 56R 1/16W 5% 8P4R	1
RP4104	061G 1265608JY	9JR6100000874	RST CHIP ARRAY 56R 1/16W 5% 8P4R	1
RP4105	061G 1265608JY	9JR6100000874	RST CHIP ARRAY 56R 1/16W 5% 8P4R	1
RP4106	061G 1265608JY	9JR6100000874	RST CHIP ARRAY 56R 1/16W 5% 8P4R	1
RP4107	061G 1265608JY	9JR6100000874	RST CHIP ARRAY 56R 1/16W 5% 8P4R	1
RP4108	061G 1265608JY	9JR6100000874	RST CHIP ARRAY 56R 1/16W 5% 8P4R	1
RP4109	061G 1265608JY	9JR6100000874	RST CHIP ARRAY 56R 1/16W 5% 8P4R	1
RP4110	061G 1265608JY	9JR6100000874	RST CHIP ARRAY 56R 1/16W 5% 8P4R	1
RP4111	061G 1265608JY	9JR6100000874	RST CHIP ARRAY 56R 1/16W 5% 8P4R	1
TH4050	061G 56A050 WT	9JR6100000432	SMD PTC 0.5A KMC3S050RY 1206	1
TU102	094G DVB T10P	9JR9400000008	TUNER DVB-T With Analog FH2607	1
U101	056G 575 14	9JR5600000174	IC Si2163 QFN-36	1
U102	056G 623906	9JR5600000078	IC NLASB3157DFT2G SC-88	1
U106	056G 616 35	9JR5600000177	IC NJM4580V-TE2 SSOP8	1
U107	056G 616 35	9JR5600000177	IC NJM4580V-TE2 SSOP8	1
U108	056G 133507	9JR5600000170	IC AS78L12RTR-G1 12V SOT-89 BCD	1
U110	056G1133152	9JR5600000181	IC EEPROM AT24C02B-TH-T TSSOP-8 2K	1
U401	056G 562316	9JR5600000171	IC Scaler MT5363LICG BGA-522 (H.264,CI)	1
U402	056G 615918	9JR5600000095	IC NT5TU32M16CG-BD BGA-84	1
U403	056G 615918	9JR5600000095	IC NT5TU32M16CG-BD BGA-84	1
U4051	705TPA56023	9JR7050000144	NAND Flash Assy (U4051)	1
U4053	056G 587 13	9JR5600000176	IC Transceiver MAX3232EEUE TSSOP-16	1
U409	705TPA56022	9JR7050000143	Serial IIC EEPROM Assy (U409)(AUO-LG)	1
U410	056G 643 41	9JR5600000166	IC APX809-29SAG-7 SOT23	1
U411	056G 665528	9JR5600000180	IC G5250M1T1U 1A SOT23-5	1
U4150	056G 623906	9JR5600000078	IC NLASB3157DFT2G SC-88	1
U503	056G1133152	9JR5600000181	IC EEPROM AT24C02B-TH-T TSSOP-8 2K	1
U504	056G1133152	9JR5600000181	IC EEPROM AT24C02B-TH-T TSSOP-8 2K	1
U601	056G 616 54	9JR5600000178	IC TPA3110D2 15W TSSOP-28	1
U602	056G 616 59	9JR5600000179	IC TPA6132A2RTER 25mW QFN-16	1
U701	056G 563203	9JR5600000173	IC MP2212DN SOIC8E	1
U702	056G 563203	9JR5600000173	IC MP2212DN SOIC8E	1
U703	056G 585 8	9JR5600000175	AZ1117D-ADJTRE1 TO-252-2	1
U751	056G 563149	9JR5600000172	IC G903T63UF 0.6A/3.3V SOT-223	1
U753	056G 585 8	9JR5600000175	AZ1117D-ADJTRE1 TO-252-2	1
U754	056G 133 30AAC	9JR5600000169	AZ1117H-ADJ-E1	1
U755	056G 563964	9JR5600000059	IC SC4215HSETRT SO-8	1
X1000	093G 22S928 C	9JR9300000166	CRYSTAL 7B16000195 20P 30PPM	1
X4150	093G 22S922 C	9JR9300000126	Crystal 54Mhz 10p SMD-49	1
ZD1051	093G 39GA28 T	9JR9300000116	ZENER DIODE RLZ13B SEMTECH	1
ZD1052	093G 39P599 T	9JR9300000117	MM3Z5V6B	1
ZD1063	093G 39P599 T	9JR9300000117	MM3Z5V6B	1
ZD1064	093G 39P599 T	9JR9300000117	MM3Z5V6B	1
ZD1065	093G 39P599 T	9JR9300000117	MM3Z5V6B	1
ZD1066	093G 39P599 T	9JR9300000117	MM3Z5V6B	1
ZD1067	093G 39P599 T	9JR9300000117	MM3Z5V6B	1
ZD1068	093G 39P599 T	9JR9300000117	MM3Z5V6B	1
ZD1150	093G 39P599 T	9JR9300000117	MM3Z5V6B	1
ZD1151	093G 39P599 T	9JR9300000117	MM3Z5V6B	1
ZD1152	093G 39P599 T	9JR9300000117	MM3Z5V6B	1
ZD1153	093G 39P599 T	9JR9300000117	MM3Z5V6B	1
ZD1154	093G 39P599 T	9JR9300000117	MM3Z5V6B	1
ZD1155	093G 39P599 T	9JR9300000117	MM3Z5V6B	1
ZD1160	093G 39P599 T	9JR9300000117	MM3Z5V6B	1

ZD1161	093G 39P599 T	9JR9300000117	MM3Z5V6B	1
ZD1162	093G 39P599 T	9JR9300000117	MM3Z5V6B	1
ZD1163	093G 39P599 T	9JR9300000117	MM3Z5V6B	1
ZD1169	093G 39P599 T	9JR9300000117	MM3Z5V6B	1

Model: LC-26LE320E(AUO)(E26AA2NBWLXPNS)

Item	TPV Code Number	SHARP 13NC	Description	Quantity
57	0Q1T 930 8120	9JR0100000059	SCREW	6
58	0Q1T 940 16120	9JR0100000065	SCREW	4
63	0Q1G 330 5106	9JR0100000058	SCREW	2
83	0Q1T 930 8120	9JR0100000059	SCREW	1
90	P34T0460PAT 1T0100	9JR3400000013	BASE_NECK	1
91	0Q1T 930 8120	9JR0100000059	SCREW	15
92	0Q1T 940 16120	9JR0100000065	SCREW	2
93	0M1T1740 12120 GP	9JR0100000063	SCREW	2
94	0M1T1730 6120	9JR0100000036	SCREW 3*6MM	6
95	0M1T 330 6120	9JR0100000056	SCREW 42A9930014	1
126	Z40G 26084301A	9JR4000000102	RATING LABEL	1
127	P40TA00081328A	9JR4000000004	FAMILY SHEET- SERVICE	1
130	Z40G000184319A	9JR4000000104	CARTON LABEL	1
135	705TZA4106A	9JR7050000149	DFU ASSY(Western Europe)(Eastern Europe)	1
136	705TZA4107A	9JR7050000150	DFU ASSY(North Europe)	1
304	0M1T1730 6120	9JR0100000036	SCREW 3*6MM	6
449	705TZA4404A	9JR7050000199	Carton Assy	1
457	050G 600 2	9JR5000000004	HANDLE1	1
458	050G 600 3	9JR5000000005	HANDLE2	1
450	P44GE018843 2A	9JR4400000073	CARTON	1
451	P44GE018101	9JR4400000069	CUSHION_TL	1
452	P44GE018201	9JR4400000070	CUSHION_TR	1
453	P44GE018301	9JR4400000071	CUSHION_BL	1
454	P44GE018401	9JR4400000072	CUSHION_BR	1
455	P45T 46025	9JR4500000007	PE BAG(800X650-0.72mm)	1
503	P40TD000813 9A	9JR4000000005	family sheet	1
506	P40TD00081311A	9JR4000000006	FAMILY SHEET	1
1050	750TVU260W6111N000	9JR7500000032	PANEL T260XW06 V1 TW AUO	1
1053	CBPFA4ABP4	9JR9900000073	MAIN PCB ASSY(LG TUNER)	0
1054	ADTVA2432PA1	9JR9900000069	POWER PCB ASSY	1
1056	IRPFAPA4	9JR9900000059	IR PCB ASSY	1
1057	KEPFAPA1	9JR9900000060	KEY PCB ASSY	1
1172	089G204A15NLS1	9JR8900000009	POWER CORD 1.5M PE8C5Z1B90A-04B	1
1176	098GRABD2NESPJ	9JR9800000005	REMOTE CONTROL RC-SHARP-420 FOR SHARP	1
1185	078G055A 9 M	9JR7800000018	SPEAKER 16 OHM 5.5W 125X30mm 350/260mm	0
1185	078G055A 9 Y	9JR7800000019	SPEAKER 16 OHM 5.5W 125X30mm 350/260mm	1
1186	017G DW904 LY	9JR1700000001	LED MODULE LYSB-2811B	1
8401	095G801413F939	9JR9500000106	HARNESS 13P - 5P+3P 650mm	0
8401	095G801413X939	9JR9500000108	HARNESS 13P - 5P+3P 650mm	1
8408	095G801840F916	9JR9500000110	HARNESS 30P - 40P 200mm	0
8408	095G801840X916	9JR9500000112	HARNESS 30P - 40P 200mm	1
8901	095G8021 3F905	9JR9500000089	HARNESS AC INLET-3P 60mm 75549	1
	705TZA1518A	9JR7050000188	BASE PLATE ASSY	1
	705TZA1519A	9JR7050000189	BRACKET SIDE IO ASSY	1
	705TZA34010	9JR7050000193	BEZEL ASSY	1
	705TZA34012	9JR7050000194	REAR COVER ASSY	1
	705TZA34013	9JR7050000195	BASE COVER ASSY	1
	705TZA3461A	9JR7050000146	KEY COVER ASSY	1
1053	CBPFA4ABP2	9JR9900000071	MAIN PCB ASSY(Nutune TUNER)	1
C1000	067G215C4713LV	9JR6700000216	EC 470uF 20% 16V RXY 8*9	1
C1001	065G0805106A7Z Y	9JR6500000311	CAP CHIP 0805 10UF Z 10V Y5V	1
C1005	065G060327031J A	9JR6500000355	CAP CHIP 0603 27PF J 50V NPO	1
C1006	065G060327031J A	9JR6500000355	CAP CHIP 0603 27PF J 50V NPO	1
C1012	065G040247312K A	9JR6500000394	CAP CHIP 0402 47nF K 16V X7R	1
C1013	065G040247312K A	9JR6500000394	CAP CHIP 0402 47nF K 16V X7R	1
C1014	065G040247312K A	9JR6500000394	CAP CHIP 0402 47nF K 16V X7R	1
C1015	065G040247312K A	9JR6500000394	CAP CHIP 0402 47nF K 16V X7R	1
C1016	065G040239031J A	9JR6500000415	CAP CHIP 0402 39PF J 50V NPO	1
C1017	065G040239031J A	9JR6500000415	CAP CHIP 0402 39PF J 50V NPO	1
C1018	065G040233031J A	9JR6500000414	CAP 0402 33PF J 50V NPO	1
C1019	065G040233031J A	9JR6500000414	CAP 0402 33PF J 50V NPO	1
C1020	065G040222031J A	9JR6500000412	CAP 0402 22PF J 50V NPO	1

C1021	065G040222031J A	9JR6500000412	CAP 0402 22PF J 50V NPO	1
C1022	065G040233031J A	9JR6500000414	CAP 0402 33PF J 50V NPO	1
C1023	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C1024	065G060310605M Y	9JR6500000417	CAP CHIP 0603 10uF 6.3V X5R +/-20%	1
C1031	065G040210131J A	9JR6500000409	CAP 0402 100PF J 50V NPO	1
C1033	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C1034	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C1035	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C1036	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C1037	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C1038	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C1039	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C1040	065G060310605M Y	9JR6500000417	CAP CHIP 0603 10uF 6.3V X5R +/-20%	1
C1041	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C1048	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C1049	065G060310031J A	9JR6500000343	CAP 0603 10PF J 50V NPO	1
C1053	065G040210332K A	9JR6500000341	CAP 0402 10NF 50V X7R	1
C1054	065G040215031J A	9JR6500000411	CAP CHIP 0402 15PF J 50V NPO	1
C1055	065G040210332K A	9JR6500000341	CAP 0402 10NF 50V X7R	1
C1056	065G040215031J A	9JR6500000411	CAP CHIP 0402 15PF J 50V NPO	1
C1057	065G040215031J A	9JR6500000411	CAP CHIP 0402 15PF J 50V NPO	1
C1058	065G040210332K A	9JR6500000341	CAP 0402 10NF 50V X7R	1
C1059	065G0805106A7Z Y	9JR6500000311	CAP CHIP 0805 10UF Z 10V Y5V	1
C1060	065G0805106A7Z Y	9JR6500000311	CAP CHIP 0805 10UF Z 10V Y5V	1
C1064	065G040247031J A	9JR6500000393	CAP CHIP 0402 47PF J 50V NPO	1
C1065	065G040247312K A	9JR6500000394	CAP CHIP 0402 47nF K 16V X7R	1
C1068	065G040210332K A	9JR6500000341	CAP 0402 10NF 50V X7R	1
C1069	065G040210332K A	9JR6500000341	CAP 0402 10NF 50V X7R	1
C1070	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C1071	065G060310605M Y	9JR6500000417	CAP CHIP 0603 10uF 6.3V X5R +/-20%	1
C1072	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C1073	065G040282132K Y	9JR6500000416	CAP CHIP 0402 820P 50V X7R +/-10%	1
C1074	065G040282132K Y	9JR6500000416	CAP CHIP 0402 820P 50V X7R +/-10%	1
C1077	065G0805106A7Z Y	9JR6500000311	CAP CHIP 0805 10UF Z 10V Y5V	1
C1078	065G040210332K A	9JR6500000341	CAP 0402 10NF 50V X7R	1
C1079	065G040210332K A	9JR6500000341	CAP 0402 10NF 50V X7R	1
C1082	065G040247031J A	9JR6500000393	CAP CHIP 0402 47PF J 50V NPO	1
C1083	065G040247031J A	9JR6500000393	CAP CHIP 0402 47PF J 50V NPO	1
C1085	065G040247031J A	9JR6500000393	CAP CHIP 0402 47PF J 50V NPO	1
C1086	065G040247031J A	9JR6500000393	CAP CHIP 0402 47PF J 50V NPO	1
C1088	065G0805106A7Z Y	9JR6500000311	CAP CHIP 0805 10UF Z 10V Y5V	1
C1089	065G040210332K A	9JR6500000341	CAP 0402 10NF 50V X7R	1
C1090	065G040210332K A	9JR6500000341	CAP 0402 10NF 50V X7R	1
C1091	065G060322515K T	9JR6500000443	CAP CHIP 0603 2.2uF K 16V X5R	1
C1092	065G040210131J A	9JR6500000409	CAP 0402 100PF J 50V NPO	1
C1093	065G060322515K T	9JR6500000443	CAP CHIP 0603 2.2uF K 16V X5R	1
C1094	065G060310131J A	9JR6500000344	CAP CHIP 0603 100PF J 50V NPO SAMSUNG	1
C1095	065G120610625K T	9JR6500000428	CAP CHIP 1206 10uF K 25V X5R	1
C1096	065G060322515K T	9JR6500000443	CAP CHIP 0603 2.2uF K 16V X5R	1
C1097	065G060322515K T	9JR6500000443	CAP CHIP 0603 2.2uF K 16V X5R	1
C1098	065G080547515K T	9JR6500000447	CAP CHIP 0805 4.7UF K 16V X5R	1
C1099	065G040210131J A	9JR6500000409	CAP 0402 100PF J 50V NPO	1
C1100	065G060310131J A	9JR6500000344	CAP CHIP 0603 100PF J 50V NPO SAMSUNG	1
C1101	065G060310432K A	9JR6500000398	CAP CHIP 0603 100nF K 50V X7R	1
C1102	065G060382131J A	9JR6500000423	CAP CHIP 0603 820PF J 50V NPO	1
C1103	065G060382131J A	9JR6500000423	CAP CHIP 0603 820PF J 50V NPO	1
C1105	065G040210332K A	9JR6500000341	CAP 0402 10NF 50V X7R	1
C1106	065G040210332K A	9JR6500000341	CAP 0402 10NF 50V X7R	1
C1152	065G0402105A5K T	9JR6500000410	CAP CHIP 0402 1uF K 10V X5R	1
C1153	065G040215232K A	9JR6500000392	CAP CHIP 0402 1.5NF K 50V X7R	1
C1154	065G040210332K A	9JR6500000341	CAP 0402 10NF 50V X7R	1
C1155	065G060350931C Y	9JR6500000444	CAP CHIP 0603 5P 50V NPO +/- 0.25PF	1
C1156	065G040215031J A	9JR6500000411	CAP CHIP 0402 15PF J 50V NPO	1
C1157	065G040210332K A	9JR6500000341	CAP 0402 10NF 50V X7R	1
C1158	065G060350931C Y	9JR6500000444	CAP CHIP 0603 5P 50V NPO +/- 0.25PF	1
C1159	065G040210332K A	9JR6500000341	CAP 0402 10NF 50V X7R	1
C1160	065G040215031J A	9JR6500000411	CAP CHIP 0402 15PF J 50V NPO	1

C1161	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C1162	065G040215031J A	9JR6500000411	CAP CHIP 0402 15PF J 50V NPO	1
C1163	065G040210332K A	9JR6500000341	CAP 0402 10NF 50V X7R	1
C1164	065G0805106A7Z Y	9JR6500000311	CAP CHIP 0805 10UF Z 10V Y5V	1
C1165	065G0805106A7Z Y	9JR6500000311	CAP CHIP 0805 10UF Z 10V Y5V	1
C1167	065G0805106A7Z Y	9JR6500000311	CAP CHIP 0805 10UF Z 10V Y5V	1
C1168	065G0805106A7Z Y	9JR6500000311	CAP CHIP 0805 10UF Z 10V Y5V	1
C1170	065G040250931C Y	9JR6500000441	CAP CHIP 0402 5PF 50V NPO +/-0.25pF	1
C1171	065G040250931C Y	9JR6500000441	CAP CHIP 0402 5PF 50V NPO +/-0.25pF	1
C1172	065G040250931C Y	9JR6500000441	CAP CHIP 0402 5PF 50V NPO +/-0.25pF	1
C1173	065G040215232K A	9JR6500000392	CAP CHIP 0402 1.5NF K 50V X7R	1
C1174	065G0805106A7Z Y	9JR6500000311	CAP CHIP 0805 10UF Z 10V Y5V	1
C1175	065G040210332K A	9JR6500000341	CAP 0402 10NF 50V X7R	1
C1176	065G040210332K A	9JR6500000341	CAP 0402 10NF 50V X7R	1
C1178	065G040210332K A	9JR6500000341	CAP 0402 10NF 50V X7R	1
C1179	065G040210332K A	9JR6500000341	CAP 0402 10NF 50V X7R	1
C1180	065G0805106A7Z Y	9JR6500000311	CAP CHIP 0805 10UF Z 10V Y5V	1
C1181	065G0805106A7Z Y	9JR6500000311	CAP CHIP 0805 10UF Z 10V Y5V	1
C1183	065G0805106A7Z Y	9JR6500000311	CAP CHIP 0805 10UF Z 10V Y5V	1
C1185	065G040247312K A	9JR6500000394	CAP CHIP 0402 47nF K 16V X7R	1
C1187	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C1188	065G040247312K A	9JR6500000394	CAP CHIP 0402 47nF K 16V X7R	1
C1191	065G040247312K A	9JR6500000394	CAP CHIP 0402 47nF K 16V X7R	1
C1192	065G040247031J A	9JR6500000393	CAP CHIP 0402 47PF J 50V NPO	1
C1193	065G040210332K A	9JR6500000341	CAP 0402 10NF 50V X7R	1
C1194	065G040210332K A	9JR6500000341	CAP 0402 10NF 50V X7R	1
C4000	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4001	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4002	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4003	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4004	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4005	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4006	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4007	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4008	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4009	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4010	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4011	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4012	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4013	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4014	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4015	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4016	065G0805106A5K T	9JR6500000424	CHIP 10uF 10V X5R 0805	1
C402	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C404	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4050	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4051	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4052	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4053	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4054	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4055	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4056	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4057	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4058	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4059	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C406	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4060	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4061	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4062	065G060310512K 3	9JR6500000204	MLCC 0603 CAP 1uF K 16V X7R	1
C4063	067G305M1013PB	9JR6700000219	EC 100uF M 16V 6.3*7mm	1
C4064	065G0805106A7Z Y	9JR6500000311	CAP CHIP 0805 10UF Z 10V Y5V	1
C4067	065G060310512K 3	9JR6500000204	MLCC 0603 CAP 1uF K 16V X7R	1
C4068	065G060310512K 3	9JR6500000204	MLCC 0603 CAP 1uF K 16V X7R	1
C4069	065G060310512K 3	9JR6500000204	MLCC 0603 CAP 1uF K 16V X7R	1
C407	067G215H151 4C	9JR6700000218	EC 150UF 20% 25V SY 8*7	1
C4100	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4101	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1

C4102	067G 3111013LT	9JR6700000213	EC SMD 100uF 16V VEL 6.3x5.5mm	1
C4103	067G 3111013LT	9JR6700000213	EC SMD 100uF 16V VEL 6.3x5.5mm	1
C4104	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4105	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4106	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4107	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4108	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4109	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4110	065G0805106A7Z Y	9JR6500000311	CAP CHIP 0805 10UF Z 10V Y5V	1
C4111	065G060310512K 3	9JR6500000204	MLCC 0603 CAP 1uF K 16V X7R	1
C4112	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4113	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4114	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4115	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4116	065G060310512K 3	9JR6500000204	MLCC 0603 CAP 1uF K 16V X7R	1
C4117	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4118	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4119	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4120	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4121	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4122	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4123	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4124	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4125	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4126	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4127	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4128	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4129	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4130	065G040210332K A	9JR6500000341	CAP 0402 10NF 50V X7R	1
C4150	065G060310512K 3	9JR6500000204	MLCC 0603 CAP 1uF K 16V X7R	1
C4151	065G060310512K 3	9JR6500000204	MLCC 0603 CAP 1uF K 16V X7R	1
C4152	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4154	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4156	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4157	065G060310432K A	9JR6500000398	CAP CHIP 0603 100nF K 50V X7R	1
C4158	065G060322515K T	9JR6500000443	CAP CHIP 0603 2.2uF K 16V X5R	1
C4159	065G060310432K A	9JR6500000398	CAP CHIP 0603 100nF K 50V X7R	1
C4160	065G060310432K A	9JR6500000398	CAP CHIP 0603 100nF K 50V X7R	1
C4161	065G060310512K 3	9JR6500000204	MLCC 0603 CAP 1uF K 16V X7R	1
C4163	065G040210031J A	9JR6500000408	CAP CHIP 0402 10pF J 50V NPO	1
C4164	065G040210031J A	9JR6500000408	CAP CHIP 0402 10pF J 50V NPO	1
C4165	065G040210232K A	9JR6500000390	CAP 0402 1NF K 50V X7R	1
C4166	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4167	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4168	065G0603475A5K T	9JR6500000421	CAP CHIP 0603 4.7UF K 10V X5R	1
C4169	065G060310605M Y	9JR6500000417	CAP CHIP 0603 10uF 6.3V X5R +/-20%	1
C4170	065G060310512K 3	9JR6500000204	MLCC 0603 CAP 1uF K 16V X7R	1
C4171	065G060310512K 3	9JR6500000204	MLCC 0603 CAP 1uF K 16V X7R	1
C4172	065G060310512K 3	9JR6500000204	MLCC 0603 CAP 1uF K 16V X7R	1
C4173	065G060310512K 3	9JR6500000204	MLCC 0603 CAP 1uF K 16V X7R	1
C4174	065G060310432K A	9JR6500000398	CAP CHIP 0603 100nF K 50V X7R	1
C4201	065G0805106A7Z Y	9JR6500000311	CAP CHIP 0805 10UF Z 10V Y5V	1
C4202	065G0805106A7Z Y	9JR6500000311	CAP CHIP 0805 10UF Z 10V Y5V	1
C4203	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4204	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4205	065G040210031J A	9JR6500000408	CAP CHIP 0402 10pF J 50V NPO	1
C4206	065G040210031J A	9JR6500000408	CAP CHIP 0402 10pF J 50V NPO	1
C4207	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C503	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C504	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C505	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C506	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C507	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C510	065G0603475A5K T	9JR6500000421	CAP CHIP 0603 4.7UF K 10V X5R	1
C511	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C516	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C517	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1

C601	065G0805106A7Z Y	9JR6500000311	CAP CHIP 0805 10UF Z 10V Y5V	1
C602	065G060310432K A	9JR6500000398	CAP CHIP 0603 100nF K 50V X7R	1
C603	065G060310432K A	9JR6500000398	CAP CHIP 0603 100nF K 50V X7R	1
C604	067G 3112213LT	9JR6700000222	EC SMD 220UF 16V VEJ 6.3*7.7	1
C605	065G060310512K 3	9JR6500000204	MLCC 0603 CAP 1uF K 16V X7R	1
C606	065G060310512K 3	9JR6500000204	MLCC 0603 CAP 1uF K 16V X7R	1
C608	065G0603225A5K T	9JR6500000419	CAP CHIP 0603 2.2uF K 10V X5R	1
C609	065G060310512K 3	9JR6500000204	MLCC 0603 CAP 1uF K 16V X7R	1
C610	065G0603225A5K T	9JR6500000419	CAP CHIP 0603 2.2uF K 10V X5R	1
C611	065G040210332K A	9JR6500000341	CAP 0402 10NF 50V X7R	1
C613	065G060310432K A	9JR6500000398	CAP CHIP 0603 100nF K 50V X7R	1
C614	065G040210232K A	9JR6500000390	CAP 0402 1NF K 50V X7R	1
C615	065G080510522K Y	9JR6500000170	CAP CHIP 0805 1UF K 25V X7R	1
C616	065G060310525K 3	9JR6500000442	MLCC 0603 1uF 25V X5R +/-10%	1
C617	065G060310525K 3	9JR6500000442	MLCC 0603 1uF 25V X5R +/-10%	1
C618	065G060310432K A	9JR6500000398	CAP CHIP 0603 100nF K 50V X7R	1
C619	065G040210232K A	9JR6500000390	CAP 0402 1NF K 50V X7R	1
C620	065G080533432K A	9JR6500000425	CAP CHIP 0805 0.33uF K 50V X7R	1
C621	065G060347412K A	9JR6500000420	CAP CHIP 0603 470nF K 16V X7R	1
C622	065G060347412K A	9JR6500000420	CAP CHIP 0603 470nF K 16V X7R	1
C623	065G060347412K A	9JR6500000420	CAP CHIP 0603 470nF K 16V X7R	1
C624	065G060347412K A	9JR6500000420	CAP CHIP 0603 470nF K 16V X7R	1
C625	065G080533432K A	9JR6500000425	CAP CHIP 0805 0.33uF K 50V X7R	1
C626	065G080533432K A	9JR6500000425	CAP CHIP 0805 0.33uF K 50V X7R	1
C627	065G060322422K A	9JR6500000418	MLCC 0603 220nF 25V X7R +/-10% SAMSUNG	1
C628	065G060322422K A	9JR6500000418	MLCC 0603 220nF 25V X7R +/-10% SAMSUNG	1
C629	065G060322422K A	9JR6500000418	MLCC 0603 220nF 25V X7R +/-10% SAMSUNG	1
C630	065G060322422K A	9JR6500000418	MLCC 0603 220nF 25V X7R +/-10% SAMSUNG	1
C631	065G080533432K A	9JR6500000425	CAP CHIP 0805 0.33uF K 50V X7R	1
C632	065G040210232K A	9JR6500000390	CAP 0402 1NF K 50V X7R	1
C633	067G 3112217CT	9JR6700000215	EC SMD 220UF 20% 50V HV 10*10.5	1
C634	067G 3112217CT	9JR6700000215	EC SMD 220UF 20% 50V HV 10*10.5	1
C636	065G040210232K A	9JR6500000390	CAP 0402 1NF K 50V X7R	1
C638	065G040210232K A	9JR6500000390	CAP 0402 1NF K 50V X7R	1
C641	065G040210232K A	9JR6500000390	CAP 0402 1NF K 50V X7R	1
C642	065G0805106A7Z Y	9JR6500000311	CAP CHIP 0805 10UF Z 10V Y5V	1
C643	065G0805106A7Z Y	9JR6500000311	CAP CHIP 0805 10UF Z 10V Y5V	1
C644	065G040222232K A	9JR6500000413	CAP CHIP 0402 2.2NF K 50V X7R	1
C645	065G040222232K A	9JR6500000413	CAP CHIP 0402 2.2NF K 50V X7R	1
C646	065G040210332K A	9JR6500000341	CAP 0402 10NF 50V X7R	1
C647	065G040210332K A	9JR6500000341	CAP 0402 10NF 50V X7R	1
C702	067G215C4713LV	9JR6700000216	EC 470uF 20% 16V RXY 8*9	1
C705	065G060310512K 3	9JR6500000204	MLCC 0603 CAP 1uF K 16V X7R	1
C706	065G060310512K 3	9JR6500000204	MLCC 0603 CAP 1uF K 16V X7R	1
C707	065G060310432K A	9JR6500000398	CAP CHIP 0603 100nF K 50V X7R	1
C708	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C709	065G060310512K 3	9JR6500000204	MLCC 0603 CAP 1uF K 16V X7R	1
C711	065G060310432K A	9JR6500000398	CAP CHIP 0603 100nF K 50V X7R	1
C712	065G0805106A7Z Y	9JR6500000311	CAP CHIP 0805 10UF Z 10V Y5V	1
C713	065G1206226A5K T	9JR6500000429	CAP CHIP1206 22uF K 10V X5R	1
C714	065G1206226A5K T	9JR6500000429	CAP CHIP1206 22uF K 10V X5R	1
C715	065G060310432K A	9JR6500000398	CAP CHIP 0603 100nF K 50V X7R	1
C716	065G060310432K A	9JR6500000398	CAP CHIP 0603 100nF K 50V X7R	1
C717	065G060310432K A	9JR6500000398	CAP CHIP 0603 100nF K 50V X7R	1
C718	065G060310432K A	9JR6500000398	CAP CHIP 0603 100nF K 50V X7R	1
C719	065G1206226A5K T	9JR6500000429	CAP CHIP1206 22uF K 10V X5R	1
C720	065G060356131J A	9JR6500000360	CAP CHIP 0603 560PF J 50V NPO	1
C721	065G1206226A5K T	9JR6500000429	CAP CHIP1206 22uF K 10V X5R	1
C722	065G060356131J A	9JR6500000360	CAP CHIP 0603 560PF J 50V NPO	1
C723	065G1206226A5K T	9JR6500000429	CAP CHIP1206 22uF K 10V X5R	1
C724	065G1206226A5K T	9JR6500000429	CAP CHIP1206 22uF K 10V X5R	1
C725	065G060310512K 3	9JR6500000204	MLCC 0603 CAP 1uF K 16V X7R	1
C726	065G1206226A5K T	9JR6500000429	CAP CHIP1206 22uF K 10V X5R	1
C727	065G060310512K 3	9JR6500000204	MLCC 0603 CAP 1uF K 16V X7R	1
C728	065G1206226A5K T	9JR6500000429	CAP CHIP1206 22uF K 10V X5R	1
C729	065G120610612K T	9JR6500000427	CAP CHIP 1206 10UF K 16V X7R	1
C730	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1

C731	065G060310525K 3	9JR6500000442	MLCC 0603 1uF 25V X5R +/-10%	1
C732	065G120610625K T	9JR6500000428	CAP CHIP 1206 10uF K 25V X5R	1
C733	065G060310512K 3	9JR6500000204	MLCC 0603 CAP 1uF K 16V X7R	1
C734	067G215H101 4C	9JR6700000217	EC 100UF 20% 25V SY 8*7	1
C735	065G1206226A5K T	9JR6500000429	CAP CHIP1206 22uF K 10V X5R	1
C752	067G305M1013PB	9JR6700000219	EC 100uF M 16V 6.3*7mm	1
C753	067G305M1013PB	9JR6700000219	EC 100uF M 16V 6.3*7mm	1
C754	065G060310512K 3	9JR6500000204	MLCC 0603 CAP 1uF K 16V X7R	1
C755	065G0603475A5K T	9JR6500000421	CAP CHIP 0603 4.7UF K 10V X5R	1
C756	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C758	065G060310512K 3	9JR6500000204	MLCC 0603 CAP 1uF K 16V X7R	1
C764	065G0805106A7Z Y	9JR6500000311	CAP CHIP 0805 10UF Z 10V Y5V	1
C765	065G060310512K 3	9JR6500000204	MLCC 0603 CAP 1uF K 16V X7R	1
C766	065G060310512K 3	9JR6500000204	MLCC 0603 CAP 1uF K 16V X7R	1
C767	065G0805106A7Z Y	9JR6500000311	CAP CHIP 0805 10UF Z 10V Y5V	1
C768	065G080510615K T	9JR6500000406	CHIP 10uF 16V X5R 0805	1
C769	065G0805106A7Z Y	9JR6500000311	CAP CHIP 0805 10UF Z 10V Y5V	1
CN101	088G 35315F CL	9JR8800000094	D-SUB 15PIN FEMALE VERTICAL WITH SCREW	1
CN102	088G 302 69 YG	9JR8800000099	PHONE JACK 3P GREEN 10.5mm V/T	1
CN103	088G 352 14 YG	9JR8800000102	USB CONN A TYPE SPRING	1
CN111	088G 7813C60C	9JR8800000112	RCA JACK 1*3 G/BL/R V/T	1
CN116	088G 7813B78C	9JR8800000096	RCA JACK 1*3 W/R/B V/T	1
CN136	088G 7813C75C	9JR8800000098	RCA JACK 1*3 Y/W/R	1
CN140	088G 78 1378C	9JR8800000110	RCA JACK 1*3 Y/W/R V/T 10.5mm	1
CN151	088G 35521G YG	9JR8800000114	SCART CONN 21P V/T 10.5mm	1
CN159	088G 50019A VA	9JR8800000105	PCMCIA CONN 11112203	1
CN401	033G380213B Y	9JR3300000073	CONNECTOR	1
CN404	088G 353 9M VD	9JR8800000103	D-SUB 9 PIN MALE WITH SCREW V/T	1
CN408	033G8033 40 X	9JR3300000063	CON. V 2*20P M 1.25 SM S1312-40SVA-1R	1
CN502	088G 34019H VD	9JR8800000100	HDMI HEADER 19P V/T H:13.0mm	1
CN506	088G 34019K AD	9JR8800000101	HDMI HEADER 19P H: 2.8mm	1
CN601	033G3278 4D	9JR3300000076	2.5mm Pitch Wafer	1
CN602	088G 30211K	9JR8800000058	PHONE JACK 5PIN	1
CN701	033G327813D	9JR3300000077	CONNECTOR	1
D1050	093G 64S900 T	9JR9300000107	DIODE BAS316 SOT-323 PHILIPS	1
D1051	093G 64S900 T	9JR9300000107	DIODE BAS316 SOT-323 PHILIPS	1
D1052	093G 64S900 T	9JR9300000107	DIODE BAS316 SOT-323 PHILIPS	1
D1054	093G 64S900 T	9JR9300000107	DIODE BAS316 SOT-323 PHILIPS	1
D1056	093G 64S900 T	9JR9300000107	DIODE BAS316 SOT-323 PHILIPS	1
D1057	093G 64S900 T	9JR9300000107	DIODE BAS316 SOT-323 PHILIPS	1
D1060	093G 64S900 T	9JR9300000107	DIODE BAS316 SOT-323 PHILIPS	1
D1061	093G 64S900 T	9JR9300000107	DIODE BAS316 SOT-323 PHILIPS	1
D1063	093G 64S900 T	9JR9300000107	DIODE BAS316 SOT-323 PHILIPS	1
D1064	093G 64S900 T	9JR9300000107	DIODE BAS316 SOT-323 PHILIPS	1
D1150	093G 64S900 T	9JR9300000107	DIODE BAS316 SOT-323 PHILIPS	1
D1151	093G 64S900 T	9JR9300000107	DIODE BAS316 SOT-323 PHILIPS	1
D1152	093G 64S900 T	9JR9300000107	DIODE BAS316 SOT-323 PHILIPS	1
D1153	093G 64S900 T	9JR9300000107	DIODE BAS316 SOT-323 PHILIPS	1
D1154	093G 64S900 T	9JR9300000107	DIODE BAS316 SOT-323 PHILIPS	1
D1155	093G 64S900 T	9JR9300000107	DIODE BAS316 SOT-323 PHILIPS	1
D1156	093G 64S900 T	9JR9300000107	DIODE BAS316 SOT-323 PHILIPS	1
D1157	093G 64S900 T	9JR9300000107	DIODE BAS316 SOT-323 PHILIPS	1
D1158	093G 64S900 T	9JR9300000107	DIODE BAS316 SOT-323 PHILIPS	1
D1159	093G 64S900 T	9JR9300000107	DIODE BAS316 SOT-323 PHILIPS	1
D1160	093G 64S900 T	9JR9300000107	DIODE BAS316 SOT-323 PHILIPS	1
D1161	093G 64S900 T	9JR9300000107	DIODE BAS316 SOT-323 PHILIPS	1
D1166	093G 64S900 T	9JR9300000107	DIODE BAS316 SOT-323 PHILIPS	1
D1167	093G 64S900 T	9JR9300000107	DIODE BAS316 SOT-323 PHILIPS	1
D1170	093G 64S900 T	9JR9300000107	DIODE BAS316 SOT-323 PHILIPS	1
D1171	093G 64S900 T	9JR9300000107	DIODE BAS316 SOT-323 PHILIPS	1
D1172	093G 64S900 T	9JR9300000107	DIODE BAS316 SOT-323 PHILIPS	1
D1173	093G 64S900 T	9JR9300000107	DIODE BAS316 SOT-323 PHILIPS	1
D4050	093G 64 33	9JR9300000113	DIO SIG SM BAV99 (PHSE)R	1
D4051	093G 64 33	9JR9300000113	DIO SIG SM BAV99 (PHSE)R	1
D4151	093G 64 33	9JR9300000113	DIO SIG SM BAV99 (PHSE)R	1
D4152	093G 64 33	9JR9300000113	DIO SIG SM BAV99 (PHSE)R	1
D4155	093G 64 33	9JR9300000113	DIO SIG SM BAV99 (PHSE)R	1

D501	093G 64S900 T	9JR9300000107	DIODE BAS316 SOT-323 PHILIPS	1
D502	093G 64S900 T	9JR9300000107	DIODE BAS316 SOT-323 PHILIPS	1
D506	093G 64S900 T	9JR9300000107	DIODE BAS316 SOT-323 PHILIPS	1
D507	093G 64S900 T	9JR9300000107	DIODE BAS316 SOT-323 PHILIPS	1
D508	093G 64S900 T	9JR9300000107	DIODE BAS316 SOT-323 PHILIPS	1
D509	093G 64S900 T	9JR9300000107	DIODE BAS316 SOT-323 PHILIPS	1
D510	093G 64S900 T	9JR9300000107	DIODE BAS316 SOT-323 PHILIPS	1
D603	093G 64S900 T	9JR9300000107	DIODE BAS316 SOT-323 PHILIPS	1
D604	093G 64S900 T	9JR9300000107	DIODE BAS316 SOT-323 PHILIPS	1
D606	093G 64S900 T	9JR9300000107	DIODE BAS316 SOT-323 PHILIPS	1
D607	093G 64S900 T	9JR9300000107	DIODE BAS316 SOT-323 PHILIPS	1
D608	093G 64S900 T	9JR9300000107	DIODE BAS316 SOT-323 PHILIPS	1
D702	093G 60S922 T	9JR9300000167	DIODE FB340M DO-222AA	1
D703	093G 64S900 T	9JR9300000107	DIODE BAS316 SOT-323 PHILIPS	1
D704	093G 64S900 T	9JR9300000107	DIODE BAS316 SOT-323 PHILIPS	1
FB1000	071G 59A121 TA	9JR7100000031	CHIP BEAD 120R/3000mA HCB1608KF-121T30	1
FB1002	071G 59A121 TA	9JR7100000031	CHIP BEAD 120R/3000mA HCB1608KF-121T30	1
FB1003	071G 59A121 TA	9JR7100000031	CHIP BEAD 120R/3000mA HCB1608KF-121T30	1
FB1004	071G 59A121 TA	9JR7100000031	CHIP BEAD 120R/3000mA HCB1608KF-121T30	1
FB1005	071G 59A121 TA	9JR7100000031	CHIP BEAD 120R/3000mA HCB1608KF-121T30	1
FB1006	071G 56A221 TA	9JR7100000039	IND FXD 0805 EMI 100MHZ 220R R	1
FB1009	071G 59A121 TA	9JR7100000031	CHIP BEAD 120R/3000mA HCB1608KF-121T30	1
FB1011	071G 59A121 TA	9JR7100000031	CHIP BEAD 120R/3000mA HCB1608KF-121T30	1
FB1012	071G 59A121 TA	9JR7100000031	CHIP BEAD 120R/3000mA HCB1608KF-121T30	1
FB1013	071G 59A121 TA	9JR7100000031	CHIP BEAD 120R/3000mA HCB1608KF-121T30	1
FB1014	071G 59A121 TA	9JR7100000031	CHIP BEAD 120R/3000mA HCB1608KF-121T30	1
FB1017	071G 59A121 TA	9JR7100000031	CHIP BEAD 120R/3000mA HCB1608KF-121T30	1
FB1018	071G 59A121 TA	9JR7100000031	CHIP BEAD 120R/3000mA HCB1608KF-121T30	1
FB1020	071G 59A121 TA	9JR7100000031	CHIP BEAD 120R/3000mA HCB1608KF-121T30	1
FB1021	071G 59A121 TA	9JR7100000031	CHIP BEAD 120R/3000mA HCB1608KF-121T30	1
FB1022	071G 59A121 TA	9JR7100000031	CHIP BEAD 120R/3000mA HCB1608KF-121T30	1
FB1023	071G 59C600 TA	9JR7100000044	CHIP BEAD 60ohm 600mA FCM1608CF-600T06	1
FB1024	071G 59A121 TA	9JR7100000031	CHIP BEAD 120R/3000mA HCB1608KF-121T30	1
FB1025	071G 59A121 TA	9JR7100000031	CHIP BEAD 120R/3000mA HCB1608KF-121T30	1
FB1052	071G 59C800 TA	9JR7100000066	CHIP BEAD 80R 400mA FCM16008CF-800T04	1
FB1053	071G 59C800 TA	9JR7100000066	CHIP BEAD 80R 400mA FCM16008CF-800T04	1
FB1054	071G 59C800 TA	9JR7100000066	CHIP BEAD 80R 400mA FCM16008CF-800T04	1
FB1158	071G 59C800 TA	9JR7100000066	CHIP BEAD 80R 400mA FCM16008CF-800T04	1
FB1159	071G 59C800 TA	9JR7100000066	CHIP BEAD 80R 400mA FCM16008CF-800T04	1
FB1160	071G 59C800 TA	9JR7100000066	CHIP BEAD 80R 400mA FCM16008CF-800T04	1
FB1161	071G 59C800 TA	9JR7100000066	CHIP BEAD 80R 400mA FCM16008CF-800T04	1
FB1162	071G 59C800 TA	9JR7100000066	CHIP BEAD 80R 400mA FCM16008CF-800T04	1
FB1163	071G 59C800 TA	9JR7100000066	CHIP BEAD 80R 400mA FCM16008CF-800T04	1
FB1164	071G 59C800 TA	9JR7100000066	CHIP BEAD 80R 400mA FCM16008CF-800T04	1
FB1165	071G 59C800 TA	9JR7100000066	CHIP BEAD 80R 400mA FCM16008CF-800T04	1
FB1167	071G 59C601 TA	9JR7100000032	CHIP BEAD 600R/200mA FCM1608K-601T02	1
FB1168	071G 59C601 TA	9JR7100000032	CHIP BEAD 600R/200mA FCM1608K-601T02	1
FB4000	071G 59A121 TA	9JR7100000031	CHIP BEAD 120R/3000mA HCB1608KF-121T30	1
FB402	071G 59A121 TA	9JR7100000031	CHIP BEAD 120R/3000mA HCB1608KF-121T30	1
FB403	071G 59A121 TA	9JR7100000031	CHIP BEAD 120R/3000mA HCB1608KF-121T30	1
FB4057	071G 59D121 TA	9JR7100000033	CHIP BEAD 120R/600mA FCM1608KF-121T06	1
FB4058	071G 59D121 TA	9JR7100000033	CHIP BEAD 120R/600mA FCM1608KF-121T06	1
FB4060	071G 56A221 TA	9JR7100000039	IND FXD 0805 EMI 100MHZ 220R R	1
FB4100	071G 59D121 TA	9JR7100000033	CHIP BEAD 120R/600mA FCM1608KF-121T06	1
FB4151	071G 59D121 TA	9JR7100000033	CHIP BEAD 120R/600mA FCM1608KF-121T06	1
FB4152	071G 59C601 TA	9JR7100000032	CHIP BEAD 600R/200mA FCM1608K-601T02	1
FB4200	071G 56A221 TA	9JR7100000039	IND FXD 0805 EMI 100MHZ 220R R	1
FB501	071G 59C601 TA	9JR7100000032	CHIP BEAD 600R/200mA FCM1608K-601T02	1
FB503	071G 59C601 TA	9JR7100000032	CHIP BEAD 600R/200mA FCM1608K-601T02	1
FB601	071G 59A121 TA	9JR7100000031	CHIP BEAD 120R/3000mA HCB1608KF-121T30	1
FB605	071G 56A221 TA	9JR7100000039	IND FXD 0805 EMI 100MHZ 220R R	1
FB606	071G 56A221 TA	9JR7100000039	IND FXD 0805 EMI 100MHZ 220R R	1
FB701	071G 59A121 TA	9JR7100000031	CHIP BEAD 120R/3000mA HCB1608KF-121T30	1
FB702	071G 59A121 TA	9JR7100000031	CHIP BEAD 120R/3000mA HCB1608KF-121T30	1
FB704	071G 56A221 TA	9JR7100000039	IND FXD 0805 EMI 100MHZ 220R R	1
FB705	071G 56A221 TA	9JR7100000039	IND FXD 0805 EMI 100MHZ 220R R	1
FB706	071G 56A221 TA	9JR7100000039	IND FXD 0805 EMI 100MHZ 220R R	1

FB707	071G 56A221 TA	9JR7100000039	IND FXD 0805 EMI 100MHZ 220R R	1
FB751	071G 56A221 TA	9JR7100000039	IND FXD 0805 EMI 100MHZ 220R R	1
L1000	073G 63228 TA	9JR7300000079	CHIP INDUCTOR 1608 0.22UH +-10% 0.8R	1
L1001	073G 63228 TA	9JR7300000079	CHIP INDUCTOR 1608 0.22UH +-10% 0.8R	1
L1002	073G 63338 TA	9JR7300000080	CHIP INDUCTOR 1608 0.33UH +-10% 0.85R	1
L1003	073G 63338 TA	9JR7300000080	CHIP INDUCTOR 1608 0.33UH +-10% 0.85R	1
L1050	073G 63189 TA	9JR7300000056	CHIP INDUCTOR 1U8 10% FCI1608F-1R8K	1
L1051	073G 63189 TA	9JR7300000056	CHIP INDUCTOR 1U8 10% FCI1608F-1R8K	1
L401	073G253S901 T	9JR7300000038	SMD CHOKE 90R/400mA ACM2012-900-2P	1
L402	073G253S901 T	9JR7300000038	SMD CHOKE 90R/400mA ACM2012-900-2P	1
L4150	073G 63828 TA	9JR7300000057	CHIP INDUCROR 0U82 10% FCI1608F-R82K	1
L601	073G 259903 T	9JR7300000083	CHOKE 47uH+/-10% TSL0808RA-470K1R2-PF	1
L602	073G 259903 T	9JR7300000083	CHOKE 47uH+/-10% TSL0808RA-470K1R2-PF	1
L603	073G 259903 T	9JR7300000083	CHOKE 47uH+/-10% TSL0808RA-470K1R2-PF	1
L604	073G 259903 T	9JR7300000083	CHOKE 47uH+/-10% TSL0808RA-470K1R2-PF	1
L701	073G253S 46 S	9JR7300000084	SMD CHOKE 4.7uH	1
L702	073G253S 46 S	9JR7300000084	SMD CHOKE 4.7uH	1
Q1001	057G 761900 T	9JR5700000076	BC857 SOT23	1
Q1050	057G 760900	9JR5700000057	DIGITAL TR DTC623TK SMT3	1
Q1051	057G 760900	9JR5700000057	DIGITAL TR DTC623TK SMT3	1
Q1150	057G 477900 T	9JR5700000052	TRA SIG SM BC847C (KEC0) R	1
Q1151	057G 760900	9JR5700000057	DIGITAL TR DTC623TK SMT3	1
Q1152	057G 760900	9JR5700000057	DIGITAL TR DTC623TK SMT3	1
Q1155	057G 759 2	9JR5700000055	RK7002FD5T116 SOT-23 BY ROHM	1
Q1156	057G 759 2	9JR5700000055	RK7002FD5T116 SOT-23 BY ROHM	1
Q1157	057G 477900 T	9JR5700000052	TRA SIG SM BC847C (KEC0) R	1
Q401	057G 417 18 T	9JR5700000088	PMBT3904 SOT-23	1
Q402	057G 417 18 T	9JR5700000088	PMBT3904 SOT-23	1
Q502	057G 763910	9JR5700000073	FET 2SK1828 TO-236MOD	1
Q504	057G 477900 T	9JR5700000052	TRA SIG SM BC847C (KEC0) R	1
Q505	057G 477900 T	9JR5700000052	TRA SIG SM BC847C (KEC0) R	1
Q506	057G 477900 T	9JR5700000052	TRA SIG SM BC847C (KEC0) R	1
Q507	057G 477900 T	9JR5700000052	TRA SIG SM BC847C (KEC0) R	1
Q508	057G 763910	9JR5700000073	FET 2SK1828 TO-236MOD	1
Q601	057G 477904 T	9JR5700000053	TRA BC847BW 100mA/45V SOT-323	1
Q602	057G 761902 T	9JR5700000059	TRA BC857BW 100mA/50V SOT-323	1
Q605	057G 477900 T	9JR5700000052	TRA SIG SM BC847C (KEC0) R	1
Q701	057G 477900 T	9JR5700000052	TRA SIG SM BC847C (KEC0) R	1
Q702	057G 477900 T	9JR5700000052	TRA SIG SM BC847C (KEC0) R	1
Q703	057G 763913	9JR5700000065	MOSFET AO6415 TSOP6	1
Q704	057G 763941	9JR5700000089	MOSFET AON4421 DFN	1
Q705	057G 477900 T	9JR5700000052	TRA SIG SM BC847C (KEC0) R	1
Q706	057G 477900 T	9JR5700000052	TRA SIG SM BC847C (KEC0) R	1
Q707	057G 763941	9JR5700000089	MOSFET AON4421 DFN	1
Q750	057G 763941	9JR5700000089	MOSFET AON4421 DFN	1
Q751	057G 477900 T	9JR5700000052	TRA SIG SM BC847C (KEC0) R	1
R1002	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R1003	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R1005	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R1006	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R1007	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R1008	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R1010	061G0402000 JI	9JR6100000833	TEST ONLY RST 0402 0.05R MAX 1/16W TA-I	1
R1011	061G06031000FT	9JR6100000002	RST CHIP 100R 1/10W 1%	1
R1012	061G06031000FT	9JR6100000002	RST CHIP 100R 1/10W 1%	1
R1013	061G0402000 JI	9JR6100000833	TEST ONLY RST 0402 0.05R MAX 1/16W TA-I	1
R1017	061G0402000 JI	9JR6100000833	TEST ONLY RST 0402 0.05R MAX 1/16W TA-I	1
R1018	061G0402000 JI	9JR6100000833	TEST ONLY RST 0402 0.05R MAX 1/16W TA-I	1
R1019	061G0402102 JI	9JR6100000835	TEST ONLY RST 0402 1K 5% 1/16W TA-I	1
R1021	061G0402000 JI	9JR6100000833	TEST ONLY RST 0402 0.05R MAX 1/16W TA-I	1
R1024	061G0402104 JI	9JR6100000837	TEST ONLY RST 0402 100K 5% 1/16W TA-I	1
R1025	061G0402000 JI	9JR6100000833	TEST ONLY RST 0402 0.05R MAX 1/16W TA-I	1
R1031	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R1032	061G0402101 JI	9JR6100000834	TEST ONLY RST 0402 100R 5% 1/16W TA-I	1
R1033	061G0402101 JI	9JR6100000834	TEST ONLY RST 0402 100R 5% 1/16W TA-I	1
R1038	061G0402000 JI	9JR6100000833	TEST ONLY RST 0402 0.05R MAX 1/16W TA-I	1
R1039	061G0402000 JI	9JR6100000833	TEST ONLY RST 0402 0.05R MAX 1/16W TA-I	1

R1041	061G0603000 JI	9JR6100000931	TEST ONLY RST 0603 0.05R MAX 1/16W TA-I	1
R1042	061G0402000 JI	9JR6100000833	TEST ONLY RST 0402 0.05R MAX 1/16W TA-I	1
R1043	061G0603000 JI	9JR6100000931	TEST ONLY RST 0603 0.05R MAX 1/16W TA-I	1
R1044	061G0603000 JI	9JR6100000931	TEST ONLY RST 0603 0.05R MAX 1/16W TA-I	1
R1045	061G0402000 JI	9JR6100000833	TEST ONLY RST 0402 0.05R MAX 1/16W TA-I	1
R1046	061G0402000 JI	9JR6100000833	TEST ONLY RST 0402 0.05R MAX 1/16W TA-I	1
R1047	061G0402101 JI	9JR6100000834	TEST ONLY RST 0402 100R 5% 1/16W TA-I	1
R1048	061G0402101 JI	9JR6100000834	TEST ONLY RST 0402 100R 5% 1/16W TA-I	1
R1049	061G0603000 JI	9JR6100000931	TEST ONLY RST 0603 0.05R MAX 1/16W TA-I	1
R1050	061G0603000 JI	9JR6100000931	TEST ONLY RST 0603 0.05R MAX 1/16W TA-I	1
R1051	061G0603000 JI	9JR6100000931	TEST ONLY RST 0603 0.05R MAX 1/16W TA-I	1
R1052	061G0603000 JI	9JR6100000931	TEST ONLY RST 0603 0.05R MAX 1/16W TA-I	1
R1060	061G0402750 JI	9JR6100000930	TEST ONLY RST 0402 75R 5% 1/16W TA-I	1
R1061	061G0402750 JI	9JR6100000930	TEST ONLY RST 0402 75R 5% 1/16W TA-I	1
R1062	061G0402750 JI	9JR6100000930	TEST ONLY RST 0402 75R 5% 1/16W TA-I	1
R1063	061G0402680 JT	9JR6100000617	RST CHIP 68R 1/16W 5% TZAI YUAN	1
R1064	061G0402680 JT	9JR6100000617	RST CHIP 68R 1/16W 5% TZAI YUAN	1
R1065	061G0402303 JT	9JR6100000878	RST CHIP R 30Kohm 1/16W +/-5% TZAI YUAN	1
R1067	061G0402303 JT	9JR6100000878	RST CHIP R 30Kohm 1/16W +/-5% TZAI YUAN	1
R1071	061G0402000 JI	9JR6100000833	TEST ONLY RST 0402 0.05R MAX 1/16W TA-I	1
R1072	061G0402000 JI	9JR6100000833	TEST ONLY RST 0402 0.05R MAX 1/16W TA-I	1
R1073	061G0402101 JI	9JR6100000834	TEST ONLY RST 0402 100R 5% 1/16W TA-I	1
R1078	061G0402000 JI	9JR6100000833	TEST ONLY RST 0402 0.05R MAX 1/16W TA-I	1
R1079	061G0402000 JI	9JR6100000833	TEST ONLY RST 0402 0.05R MAX 1/16W TA-I	1
R1080	061G0402000 JI	9JR6100000833	TEST ONLY RST 0402 0.05R MAX 1/16W TA-I	1
R1081	061G0603000 JI	9JR6100000931	TEST ONLY RST 0603 0.05R MAX 1/16W TA-I	1
R1082	061G06031002FI	9JR6100000848	TEST ONLY RST 0603 10K 5% 1/16W TA-I	1
R1083	061G0603102 JI	9JR6100000850	TEST ONLY RST 0603 1K 5% 1/16W TA-I	1
R1084	061G0402473 JI	9JR6100000924	TEST ONLY RST 0402 47K 5% 1/16W TA-I	1
R1085	061G0603331 JT	9JR6100000637	RST CHIPR 330OHM 1/10W TZAI YUAN	1
R1086	061G0603000 JI	9JR6100000931	TEST ONLY RST 0603 0.05R MAX 1/16W TA-I	1
R1087	061G0402473 JI	9JR6100000924	TEST ONLY RST 0402 47K 5% 1/16W TA-I	1
R1088	061G0603331 JT	9JR6100000637	RST CHIPR 330OHM 1/10W TZAI YUAN	1
R1089	061G0603102 JI	9JR6100000850	TEST ONLY RST 0603 1K 5% 1/16W TA-I	1
R1099	061G0402750 JI	9JR6100000930	TEST ONLY RST 0402 75R 5% 1/16W TA-I	1
R1100	061G0402000 JI	9JR6100000833	TEST ONLY RST 0402 0.05R MAX 1/16W TA-I	1
R1101	061G0402750 JI	9JR6100000930	TEST ONLY RST 0402 75R 5% 1/16W TA-I	1
R1102	061G0402000 JI	9JR6100000833	TEST ONLY RST 0402 0.05R MAX 1/16W TA-I	1
R1103	061G0603103 JI	9JR6100000851	TEST ONLY RST 0603 10K 5% 1/16W TA-I	1
R1104	061G0603103 JI	9JR6100000851	TEST ONLY RST 0603 10K 5% 1/16W TA-I	1
R1105	061G0603363 JI	9JR6100000950	RST 0603 36K 5% 1/10W TA-I	1
R1106	061G0603000 JI	9JR6100000931	TEST ONLY RST 0603 0.05R MAX 1/16W TA-I	1
R1107	061G0603103 JI	9JR6100000851	TEST ONLY RST 0603 10K 5% 1/16W TA-I	1
R1108	061G0402000 JI	9JR6100000833	TEST ONLY RST 0402 0.05R MAX 1/16W TA-I	1
R1109	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R1110	061G0603472 JI	9JR6100000865	TEST ONLY RST 0603 4.7K 5% 1/16W TA-I	1
R1111	061G0603363 JI	9JR6100000950	RST 0603 36K 5% 1/10W TA-I	1
R1112	061G0603363 JI	9JR6100000950	RST 0603 36K 5% 1/10W TA-I	1
R1113	061G0603000 JI	9JR6100000931	TEST ONLY RST 0603 0.05R MAX 1/16W TA-I	1
R1114	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R1115	061G0603000 JI	9JR6100000931	TEST ONLY RST 0603 0.05R MAX 1/16W TA-I	1
R1116	061G0603472 JI	9JR6100000865	TEST ONLY RST 0603 4.7K 5% 1/16W TA-I	1
R1117	061G0603000 JI	9JR6100000931	TEST ONLY RST 0603 0.05R MAX 1/16W TA-I	1
R1118	061G0603103 JI	9JR6100000851	TEST ONLY RST 0603 10K 5% 1/16W TA-I	1
R1119	061G0603363 JI	9JR6100000950	RST 0603 36K 5% 1/10W TA-I	1
R1121	061G06031002FI	9JR6100000848	TEST ONLY RST 0603 10K 5% 1/16W TA-I	1
R1122	061G0603000 JI	9JR6100000931	TEST ONLY RST 0603 0.05R MAX 1/16W TA-I	1
R1126	061G0402000 JI	9JR6100000833	TEST ONLY RST 0402 0.05R MAX 1/16W TA-I	1
R1127	061G0603000 JI	9JR6100000931	TEST ONLY RST 0603 0.05R MAX 1/16W TA-I	1
R1129	061G0603750 JI	9JR6100000958	TEST ONLY RST 0603 75R 5% 1/16W TA-I	1
R1131	061G0402513 JT	9JR6100000882	RST CHIP 51K 1/16W 5% TZAI YUAN	1
R1133	061G0603000 JI	9JR6100000931	TEST ONLY RST 0603 0.05R MAX 1/16W TA-I	1
R1134	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R1135	061G0402680 JT	9JR6100000617	RST CHIP 68R 1/16W 5% TZAI YUAN	1
R1137	061G0402101 JI	9JR6100000834	TEST ONLY RST 0402 100R 5% 1/16W TA-I	1
R1138	061G0402750 JI	9JR6100000930	TEST ONLY RST 0402 75R 5% 1/16W TA-I	1
R1150	061G0402303 JT	9JR6100000878	RST CHIP R 30Kohm 1/16W +/-5% TZAI YUAN	1

R1151	061G0402303 JT	9JR6100000878	RST CHIP R 30Kohm 1/16W +/-5% TZAI YUAN	1
R1152	061G0402303 JT	9JR6100000878	RST CHIP R 30Kohm 1/16W +/-5% TZAI YUAN	1
R1153	061G0402303 JT	9JR6100000878	RST CHIP R 30Kohm 1/16W +/-5% TZAI YUAN	1
R1154	061G0402303 JT	9JR6100000878	RST CHIP R 30Kohm 1/16W +/-5% TZAI YUAN	1
R1155	061G0402303 JT	9JR6100000878	RST CHIP R 30Kohm 1/16W +/-5% TZAI YUAN	1
R1156	061G0402000 JI	9JR6100000833	TEST ONLY RST 0402 0.05R MAX 1/16W TA-I	1
R1157	061G0603103 JI	9JR6100000851	TEST ONLY RST 0603 10K 5% 1/16W TA-I	1
R1158	061G0402680 JT	9JR6100000617	RST CHIP 68R 1/16W 5% TZAI YUAN	1
R1159	061G0603103 JI	9JR6100000851	TEST ONLY RST 0603 10K 5% 1/16W TA-I	1
R1160	061G0402101 JI	9JR6100000834	TEST ONLY RST 0402 100R 5% 1/16W TA-I	1
R1161	061G04025609FI	9JR6100000843	TEST ONLY RST 0402 56R 1% 1/16W TA-I	1
R1162	061G0402101 JI	9JR6100000834	TEST ONLY RST 0402 100R 5% 1/16W TA-I	1
R1163	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R1164	061G0402680 JT	9JR6100000617	RST CHIP 68R 1/16W 5% TZAI YUAN	1
R1165	061G0603000 JI	9JR6100000931	TEST ONLY RST 0603 0.05R MAX 1/16W TA-I	1
R1166	061G04025609FI	9JR6100000843	TEST ONLY RST 0402 56R 1% 1/16W TA-I	1
R1167	061G0603000 JI	9JR6100000931	TEST ONLY RST 0603 0.05R MAX 1/16W TA-I	1
R1168	061G0402180 JT	9JR6100000605	RST CHIP 18R 1/16W 5% TZAI YUAN	1
R1169	061G04025609FI	9JR6100000843	TEST ONLY RST 0402 56R 1% 1/16W TA-I	1
R1170	061G0402180 JT	9JR6100000605	RST CHIP 18R 1/16W 5% TZAI YUAN	1
R1171	061G0402680 JT	9JR6100000617	RST CHIP 68R 1/16W 5% TZAI YUAN	1
R1172	061G0402180 JT	9JR6100000605	RST CHIP 18R 1/16W 5% TZAI YUAN	1
R1173	061G0402000 JI	9JR6100000833	TEST ONLY RST 0402 0.05R MAX 1/16W TA-I	1
R1174	061G0402750 JI	9JR6100000930	TEST ONLY RST 0402 75R 5% 1/16W TA-I	1
R1175	061G0402680 JT	9JR6100000617	RST CHIP 68R 1/16W 5% TZAI YUAN	1
R1176	061G0402750 JI	9JR6100000930	TEST ONLY RST 0402 75R 5% 1/16W TA-I	1
R1177	061G0402000 JI	9JR6100000833	TEST ONLY RST 0402 0.05R MAX 1/16W TA-I	1
R1178	061G0402680 JT	9JR6100000617	RST CHIP 68R 1/16W 5% TZAI YUAN	1
R1179	061G0402750 JI	9JR6100000930	TEST ONLY RST 0402 75R 5% 1/16W TA-I	1
R1180	061G0402680 JT	9JR6100000617	RST CHIP 68R 1/16W 5% TZAI YUAN	1
R1181	061G0402101 JI	9JR6100000834	TEST ONLY RST 0402 100R 5% 1/16W TA-I	1
R1182	061G0603103 JI	9JR6100000851	TEST ONLY RST 0603 10K 5% 1/16W TA-I	1
R1183	061G0603101 JI	9JR6100000849	TEST ONLY RST 0603 100R 5% 1/16W TA-I	1
R1184	061G0603152 JT	9JR6100000884	RST CHIP 1K5 1/10W 5% TZAI YUAN	1
R1185	061G0603152 JT	9JR6100000884	RST CHIP 1K5 1/10W 5% TZAI YUAN	1
R1186	061G0402000 JI	9JR6100000833	TEST ONLY RST 0402 0.05R MAX 1/16W TA-I	1
R1187	061G0603750 JI	9JR6100000958	TEST ONLY RST 0603 75R 5% 1/16W TA-I	1
R1188	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R1189	061G06032400FT	9JR6100000885	RST CHIP 240R 1/10W 1%	1
R1190	061G0402750 JI	9JR6100000930	TEST ONLY RST 0402 75R 5% 1/16W TA-I	1
R1191	061G0402750 JI	9JR6100000930	TEST ONLY RST 0402 75R 5% 1/16W TA-I	1
R1192	061G0402101 JI	9JR6100000834	TEST ONLY RST 0402 100R 5% 1/16W TA-I	1
R1193	061G0402101 JI	9JR6100000834	TEST ONLY RST 0402 100R 5% 1/16W TA-I	1
R1194	061G0603101 JI	9JR6100000849	TEST ONLY RST 0603 100R 5% 1/16W TA-I	1
R1195	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R1196	061G0402101 JI	9JR6100000834	TEST ONLY RST 0402 100R 5% 1/16W TA-I	1
R1197	061G0603750 JI	9JR6100000958	TEST ONLY RST 0603 75R 5% 1/16W TA-I	1
R1198	061G0402101 JI	9JR6100000834	TEST ONLY RST 0402 100R 5% 1/16W TA-I	1
R1199	061G0402750 JI	9JR6100000930	TEST ONLY RST 0402 75R 5% 1/16W TA-I	1
R1200	061G0402000 JI	9JR6100000833	TEST ONLY RST 0402 0.05R MAX 1/16W TA-I	1
R1201	061G0402000 JI	9JR6100000833	TEST ONLY RST 0402 0.05R MAX 1/16W TA-I	1
R1202	061G0402000 JI	9JR6100000833	TEST ONLY RST 0402 0.05R MAX 1/16W TA-I	1
R1203	061G0402473 JI	9JR6100000924	TEST ONLY RST 0402 47K 5% 1/16W TA-I	1
R1204	061G0603331 JT	9JR6100000637	RST CHIPR 330OHM 1/10W TZAI YUAN	1
R1205	061G0402102 JI	9JR6100000835	TEST ONLY RST 0402 1K 5% 1/16W TA-I	1
R1206	061G0402000 JI	9JR6100000833	TEST ONLY RST 0402 0.05R MAX 1/16W TA-I	1
R1207	061G0402473 JI	9JR6100000924	TEST ONLY RST 0402 47K 5% 1/16W TA-I	1
R1208	061G0603331 JT	9JR6100000637	RST CHIPR 330OHM 1/10W TZAI YUAN	1
R1209	061G0402102 JI	9JR6100000835	TEST ONLY RST 0402 1K 5% 1/16W TA-I	1
R4000	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R4001	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R4003	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R4004	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R4005	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R4006	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R4050	061G06035600FT	9JR6100000892	RST CHIP 560R 1/10W 1%	1
R4051	061G0402000 JI	9JR6100000833	TEST ONLY RST 0402 0.05R MAX 1/16W TA-I	1

R4052	061G0402000 JI	9JR6100000833	TEST ONLY RST 0402 0.05R MAX 1/16W TA-I	1
R4056	061G0603000 JI	9JR6100000931	TEST ONLY RST 0603 0.05R MAX 1/16W TA-I	1
R4057	061G0603000 JI	9JR6100000931	TEST ONLY RST 0603 0.05R MAX 1/16W TA-I	1
R4058	061G0603000 JI	9JR6100000931	TEST ONLY RST 0603 0.05R MAX 1/16W TA-I	1
R4059	061G0603000 JI	9JR6100000931	TEST ONLY RST 0603 0.05R MAX 1/16W TA-I	1
R406	061G0603102 JI	9JR6100000850	TEST ONLY RST 0603 1K 5% 1/16W TA-I	1
R4060	061G0603000 JI	9JR6100000931	TEST ONLY RST 0603 0.05R MAX 1/16W TA-I	1
R4061	061G0603000 JI	9JR6100000931	TEST ONLY RST 0603 0.05R MAX 1/16W TA-I	1
R4062	061G0603000 JI	9JR6100000931	TEST ONLY RST 0603 0.05R MAX 1/16W TA-I	1
R4063	061G0603000 JI	9JR6100000931	TEST ONLY RST 0603 0.05R MAX 1/16W TA-I	1
R407	061G0603472 JI	9JR6100000865	TEST ONLY RST 0603 4.7K 5% 1/16W TA-I	1
R408	061G0603101 JI	9JR6100000849	TEST ONLY RST 0603 100R 5% 1/16W TA-I	1
R409	061G0603472 JI	9JR6100000865	TEST ONLY RST 0603 4.7K 5% 1/16W TA-I	1
R4100	061G06031001FI	9JR6100000847	TEST ONLY RST 0603 1K 1% 1/10W TA-I	1
R4101	061G06031001FI	9JR6100000847	TEST ONLY RST 0603 1K 1% 1/10W TA-I	1
R4102	061G06031001FI	9JR6100000847	TEST ONLY RST 0603 1K 1% 1/10W TA-I	1
R4103	061G06031001FI	9JR6100000847	TEST ONLY RST 0603 1K 1% 1/10W TA-I	1
R4104	061G06031001FI	9JR6100000847	TEST ONLY RST 0603 1K 1% 1/10W TA-I	1
R4105	061G06031001FI	9JR6100000847	TEST ONLY RST 0603 1K 1% 1/10W TA-I	1
R4106	061G0402101 JI	9JR6100000834	TEST ONLY RST 0402 100R 5% 1/16W TA-I	1
R4107	061G0402101 JI	9JR6100000834	TEST ONLY RST 0402 100R 5% 1/16W TA-I	1
R4108	061G0402101 JI	9JR6100000834	TEST ONLY RST 0402 100R 5% 1/16W TA-I	1
R4109	061G0402220 JI	9JR6100000839	TEST ONLY RST 0402 22R 5% 1/16W TA-I	1
R411	061G0603202 JI	9JR6100000938	TEST ONLY RST 0603 2K 5% 1/16W TA-I	1
R4110	061G0402220 JI	9JR6100000839	TEST ONLY RST 0402 22R 5% 1/16W TA-I	1
R4111	061G0402220 JI	9JR6100000839	TEST ONLY RST 0402 22R 5% 1/16W TA-I	1
R4112	061G0402220 JI	9JR6100000839	TEST ONLY RST 0402 22R 5% 1/16W TA-I	1
R413	061G0603472 JI	9JR6100000865	TEST ONLY RST 0603 4.7K 5% 1/16W TA-I	1
R414	061G0805103 JT	9JR6100000895	RST CHIPR 10K OHM +- 5% 1/8W TZAI YUAN	1
R4151	061G0603000 JI	9JR6100000931	TEST ONLY RST 0603 0.05R MAX 1/16W TA-I	1
R4152	061G0603109 JT	9JR6100000627	RST CHIP 1R 1/10W 5% TZAI YUAN	1
R4153	061G06031001FI	9JR6100000847	TEST ONLY RST 0603 1K 1% 1/10W TA-I	1
R4154	061G06036801FT	9JR6100000495	RST CHIP 6K8 1/10W 1%	1
R4156	061G0603000 JI	9JR6100000931	TEST ONLY RST 0603 0.05R MAX 1/16W TA-I	1
R4158	061G0402331 JT	9JR6100000612	RST CHIP 330R 1/16W 5% TZAI YUAN	1
R4159	061G0603101 JI	9JR6100000849	TEST ONLY RST 0603 100R 5% 1/16W TA-I	1
R4160	061G0603000 JI	9JR6100000931	TEST ONLY RST 0603 0.05R MAX 1/16W TA-I	1
R4162	061G0603163 JT	9JR6100000630	RST CHIP 16K 1/10W 5% TZAI YUAN	1
R4163	061G0603163 JT	9JR6100000630	RST CHIP 16K 1/10W 5% TZAI YUAN	1
R4164	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R4165	061G0402102 JI	9JR6100000835	TEST ONLY RST 0402 1K 5% 1/16W TA-I	1
R4166	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R4167	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R4168	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R4169	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R4170	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R4171	061G04023901FI	9JR6100000921	TEST ONLY RST 0402 3.9K 1% 1/16W TA-I	1
R4172	061G06031000FT	9JR6100000002	RST CHIP 100R 1/10W 1%	1
R4173	061G04023901FI	9JR6100000921	TEST ONLY RST 0402 3.9K 1% 1/16W TA-I	1
R4174	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R4175	061G06031000FT	9JR6100000002	RST CHIP 100R 1/10W 1%	1
R4176	061G0402330 JT	9JR6100000611	RST CHIP 33R 1/16W 5% TZAI YUAN	1
R4177	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R4179	061G0603000 JI	9JR6100000931	TEST ONLY RST 0603 0.05R MAX 1/16W TA-I	1
R418	061G0603000 JI	9JR6100000931	TEST ONLY RST 0603 0.05R MAX 1/16W TA-I	1
R4180	061G0402104 JI	9JR6100000837	TEST ONLY RST 0402 100K 5% 1/16W TA-I	1
R4181	061G0603331 JT	9JR6100000637	RST CHIPR 330OHM 1/10W TZAI YUAN	1
R4182	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R4183	061G0603331 JT	9JR6100000637	RST CHIPR 330OHM 1/10W TZAI YUAN	1
R4184	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R4185	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R4186	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R4187	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R4188	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R4189	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R419	061G0603000 JI	9JR6100000931	TEST ONLY RST 0603 0.05R MAX 1/16W TA-I	1
R4190	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1

R4191	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R4192	061G0402000 JI	9JR6100000833	TEST ONLY RST 0402 0.05R MAX 1/16W TA-I	1
R4193	061G0603000 JI	9JR6100000931	TEST ONLY RST 0603 0.05R MAX 1/16W TA-I	1
R4194	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R4195	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R4196	061G0402471 JI	9JR6100000923	TEST ONLY RST 0402 470R 5% 1/16W TA-I	1
R4197	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R4198	061G0603000 JI	9JR6100000931	TEST ONLY RST 0603 0.05R MAX 1/16W TA-I	1
R4199	061G0603101 JI	9JR6100000849	TEST ONLY RST 0603 100R 5% 1/16W TA-I	1
R420	061G0603000 JI	9JR6100000931	TEST ONLY RST 0603 0.05R MAX 1/16W TA-I	1
R4200	061G0603472 JI	9JR6100000865	TEST ONLY RST 0603 4.7K 5% 1/16W TA-I	1
R4201	061G0603472 JI	9JR6100000865	TEST ONLY RST 0603 4.7K 5% 1/16W TA-I	1
R4202	061G0402220 JI	9JR6100000839	TEST ONLY RST 0402 22R 5% 1/16W TA-I	1
R4203	061G0402220 JI	9JR6100000839	TEST ONLY RST 0402 22R 5% 1/16W TA-I	1
R4204	061G0402220 JI	9JR6100000839	TEST ONLY RST 0402 22R 5% 1/16W TA-I	1
R4205	061G0402220 JI	9JR6100000839	TEST ONLY RST 0402 22R 5% 1/16W TA-I	1
R4206	061G0402220 JI	9JR6100000839	TEST ONLY RST 0402 22R 5% 1/16W TA-I	1
R4207	061G0402220 JI	9JR6100000839	TEST ONLY RST 0402 22R 5% 1/16W TA-I	1
R4208	061G0402220 JI	9JR6100000839	TEST ONLY RST 0402 22R 5% 1/16W TA-I	1
R4209	061G0402220 JI	9JR6100000839	TEST ONLY RST 0402 22R 5% 1/16W TA-I	1
R4210	061G0402220 JI	9JR6100000839	TEST ONLY RST 0402 22R 5% 1/16W TA-I	1
R4211	061G0402220 JI	9JR6100000839	TEST ONLY RST 0402 22R 5% 1/16W TA-I	1
R4212	061G0402220 JI	9JR6100000839	TEST ONLY RST 0402 22R 5% 1/16W TA-I	1
R4213	061G0402220 JI	9JR6100000839	TEST ONLY RST 0402 22R 5% 1/16W TA-I	1
R4214	061G0402220 JI	9JR6100000839	TEST ONLY RST 0402 22R 5% 1/16W TA-I	1
R4215	061G0402220 JI	9JR6100000839	TEST ONLY RST 0402 22R 5% 1/16W TA-I	1
R4216	061G0402220 JI	9JR6100000839	TEST ONLY RST 0402 22R 5% 1/16W TA-I	1
R4217	061G0402220 JI	9JR6100000839	TEST ONLY RST 0402 22R 5% 1/16W TA-I	1
R4218	061G0402220 JI	9JR6100000839	TEST ONLY RST 0402 22R 5% 1/16W TA-I	1
R4219	061G0402220 JI	9JR6100000839	TEST ONLY RST 0402 22R 5% 1/16W TA-I	1
R4220	061G0402220 JI	9JR6100000839	TEST ONLY RST 0402 22R 5% 1/16W TA-I	1
R4221	061G0402220 JI	9JR6100000839	TEST ONLY RST 0402 22R 5% 1/16W TA-I	1
R4222	061G0603103 JI	9JR6100000851	TEST ONLY RST 0603 10K 5% 1/16W TA-I	1
R4223	061G0603103 JI	9JR6100000851	TEST ONLY RST 0603 10K 5% 1/16W TA-I	1
R4224	061G0603103 JI	9JR6100000851	TEST ONLY RST 0603 10K 5% 1/16W TA-I	1
R4225	061G0603103 JI	9JR6100000851	TEST ONLY RST 0603 10K 5% 1/16W TA-I	1
R4226	061G0603103 JI	9JR6100000851	TEST ONLY RST 0603 10K 5% 1/16W TA-I	1
R4227	061G0603103 JI	9JR6100000851	TEST ONLY RST 0603 10K 5% 1/16W TA-I	1
R4229	061G0603470 JT	9JR6100000889	RST CHIP 47R 1/10W 5% TZAI YUAN	1
R4230	061G0603470 JT	9JR6100000889	RST CHIP 47R 1/10W 5% TZAI YUAN	1
R4231	061G0603104 JI	9JR6100000852	TEST ONLY RST 0603 100K 5% 1/16W TA-I	1
R4232	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R4233	061G0603103 JI	9JR6100000851	TEST ONLY RST 0603 10K 5% 1/16W TA-I	1
R501	061G0402000 JI	9JR6100000833	TEST ONLY RST 0402 0.05R MAX 1/16W TA-I	1
R502	061G0402273 JT	9JR6100000610	RST CHIP 27K 1/16W 5% TZAI YUAN	1
R504	061G0402000 JI	9JR6100000833	TEST ONLY RST 0402 0.05R MAX 1/16W TA-I	1
R518	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R519	061G0402473 JI	9JR6100000924	TEST ONLY RST 0402 47K 5% 1/16W TA-I	1
R520	061G0402473 JI	9JR6100000924	TEST ONLY RST 0402 47K 5% 1/16W TA-I	1
R521	061G0402101 JI	9JR6100000834	TEST ONLY RST 0402 100R 5% 1/16W TA-I	1
R522	061G0402101 JI	9JR6100000834	TEST ONLY RST 0402 100R 5% 1/16W TA-I	1
R524	061G0402330 JT	9JR6100000611	RST CHIP 33R 1/16W 5% TZAI YUAN	1
R525	061G0402474 JT	9JR6100000881	RST CHIP 470K 1/16W 5% TZAI YUAN	1
R526	061G0603102 JI	9JR6100000850	TEST ONLY RST 0603 1K 5% 1/16W TA-I	1
R527	061G0402102 JI	9JR6100000835	TEST ONLY RST 0402 1K 5% 1/16W TA-I	1
R528	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R529	061G0402101 JI	9JR6100000834	TEST ONLY RST 0402 100R 5% 1/16W TA-I	1
R530	061G0402101 JI	9JR6100000834	TEST ONLY RST 0402 100R 5% 1/16W TA-I	1
R531	061G0402474 JT	9JR6100000881	RST CHIP 470K 1/16W 5% TZAI YUAN	1
R532	061G0402102 JI	9JR6100000835	TEST ONLY RST 0402 1K 5% 1/16W TA-I	1
R533	061G0402102 JI	9JR6100000835	TEST ONLY RST 0402 1K 5% 1/16W TA-I	1
R534	061G0603000 JI	9JR6100000931	TEST ONLY RST 0603 0.05R MAX 1/16W TA-I	1
R535	061G0603103 JI	9JR6100000851	TEST ONLY RST 0603 10K 5% 1/16W TA-I	1
R536	061G0603473 JI	9JR6100000866	TEST ONLY RST 0603 47K 5% 1/16W TA-I	1
R537	061G0603473 JI	9JR6100000866	TEST ONLY RST 0603 47K 5% 1/16W TA-I	1
R538	061G0603330 JI	9JR6100000947	TEST ONLY RST 0603 33R 5% 1/16W TA-I	1
R539	061G0603472 JI	9JR6100000865	TEST ONLY RST 0603 4.7K 5% 1/16W TA-I	1

R540	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R541	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R562	061G06035101FT	9JR6100000490	RST CHIP 5K1 1/10W 1%	1
R565	061G0603000 JI	9JR6100000931	TEST ONLY RST 0603 0.05R MAX 1/16W TA-I	1
R566	061G0603000 JI	9JR6100000931	TEST ONLY RST 0603 0.05R MAX 1/16W TA-I	1
R567	061G0603000 JI	9JR6100000931	TEST ONLY RST 0603 0.05R MAX 1/16W TA-I	1
R601	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R604	061G0402223 JI	9JR6100000916	TEST ONLY RST 0402 22K 5% 1/16W TA-I	1
R605	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R606	061G0402104 JI	9JR6100000837	TEST ONLY RST 0402 100K 5% 1/16W TA-I	1
R607	061G0402102 JI	9JR6100000835	TEST ONLY RST 0402 1K 5% 1/16W TA-I	1
R608	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R609	061G0603100 JI	9JR6100000846	TEST ONLY RST 0603 10R 5% 1/16W TA-I	1
R611	061G0402000 JI	9JR6100000833	TEST ONLY RST 0402 0.05R MAX 1/16W TA-I	1
R612	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R613	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R614	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R615	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R617	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R618	061G0603100 JI	9JR6100000846	TEST ONLY RST 0603 10R 5% 1/16W TA-I	1
R622	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R624	061G0402473 JI	9JR6100000924	TEST ONLY RST 0402 47K 5% 1/16W TA-I	1
R628	061G0402473 JI	9JR6100000924	TEST ONLY RST 0402 47K 5% 1/16W TA-I	1
R629	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R630	061G1206100 JT	9JR6100000370	RST CHIPR 10 OHM +-5% 1/4W TZAI YUAN	1
R631	061G0402103 JT	9JR6100000602	RST CHIP 10K 1/16W 5% TZAI YUAN	1
R632	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R634	061G0402000 JI	9JR6100000833	TEST ONLY RST 0402 0.05R MAX 1/16W TA-I	1
R637	061G04021000FI	9JR6100000913	RST 0402 100R 1% 1/16W TA-I	1
R638	061G04021000FI	9JR6100000913	RST 0402 100R 1% 1/16W TA-I	1
R639	061G0402100 JI	9JR6100000912	TEST ONLY RST 0402 10R 5% 1/16W TA-I	1
R640	061G0402100 JI	9JR6100000912	TEST ONLY RST 0402 10R 5% 1/16W TA-I	1
R641	061G0402100 JI	9JR6100000912	TEST ONLY RST 0402 10R 5% 1/16W TA-I	1
R642	061G0402100 JI	9JR6100000912	TEST ONLY RST 0402 10R 5% 1/16W TA-I	1
R643	061G0402000 JI	9JR6100000833	TEST ONLY RST 0402 0.05R MAX 1/16W TA-I	1
R644	061G0402000 JI	9JR6100000833	TEST ONLY RST 0402 0.05R MAX 1/16W TA-I	1
R647	061G04024700FT	9JR6100000678	RST CHIP 470R 1/16W 1%	1
R648	061G04024700FT	9JR6100000678	RST CHIP 470R 1/16W 1%	1
R701	061G0603223 JI	9JR6100000941	RST 0603 22K 5% 1/10W TA-I	1
R702	061G0603333 JT	9JR6100000638	RST CHIP 33K 1/10W 5% TZAI YUAN	1
R704	061G0402101 JI	9JR6100000834	TEST ONLY RST 0402 100R 5% 1/16W TA-I	1
R705	061G0402272 JT	9JR6100000877	RST CHIP 2K7 1/16W 5% TZAI YUAN	1
R707	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R708	061G0603333 JT	9JR6100000638	RST CHIP 33K 1/10W 5% TZAI YUAN	1
R710	061G0402102 JI	9JR6100000835	TEST ONLY RST 0402 1K 5% 1/16W TA-I	1
R711	061G0603223 JI	9JR6100000941	RST 0603 22K 5% 1/10W TA-I	1
R712	061G0402102 JI	9JR6100000835	TEST ONLY RST 0402 1K 5% 1/16W TA-I	1
R714	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R715	061G0603000 JI	9JR6100000931	TEST ONLY RST 0603 0.05R MAX 1/16W TA-I	1
R716	061G0603000 JI	9JR6100000931	TEST ONLY RST 0603 0.05R MAX 1/16W TA-I	1
R717	061G06031200FT	9JR6100000535	RST CHIP 120R 1/10W 1%	1
R718	061G06031001FI	9JR6100000847	TEST ONLY RST 0603 1K 1% 1/10W TA-I	1
R719	061G06031501FI	9JR6100000935	TEST ONLY RST 0603 1.5K 1% 1/10W TA-I	1
R720	061G06033001FI	9JR6100000944	TEST ONLY RST 0603 3K 1% 1/10W TA-I	1
R721	061G06031002FI	9JR6100000848	TEST ONLY RST 0603 10K 5% 1/16W TA-I	1
R722	061G06031002FI	9JR6100000848	TEST ONLY RST 0603 10K 5% 1/16W TA-I	1
R723	061G06033002FT	9JR6100000887	RST CHIP 30K 1/10W 1%	1
R724	061G0402473 JI	9JR6100000924	TEST ONLY RST 0402 47K 5% 1/16W TA-I	1
R725	061G0603000 JI	9JR6100000931	TEST ONLY RST 0603 0.05R MAX 1/16W TA-I	1
R726	061G0603000 JI	9JR6100000931	TEST ONLY RST 0603 0.05R MAX 1/16W TA-I	1
R727	061G12060004JY	9JR6100000896	RST CHIPR MAX0R05 4A 1/4W YAGEO	1
R728	061G0603103 JI	9JR6100000851	TEST ONLY RST 0603 10K 5% 1/16W TA-I	1
R730	061G0603752 JI	9JR6100000959	TEST ONLY RST 0603 7.5K 5% 1/16W TA-I	1
R731	061G06035609FT	9JR6100000893	RST CHIP 56R 1/10W 1%	1
R733	061G06035101FT	9JR6100000490	RST CHIP 5K1 1/10W 1%	1
R750	061G0603103 JI	9JR6100000851	TEST ONLY RST 0603 10K 5% 1/16W TA-I	1
R752	061G0603512 JI	9JR6100000868	TEST ONLY RST 0603 5.1K 5% 1/16W TA-I	1

R753	061G12060004JY	9JR6100000896	RST CHIPR MAX0R05 4A 1/4W YAGEO	1
R755	061G0603103 JI	9JR6100000851	TEST ONLY RST 0603 10K 5% 1/16W TA-I	1
R756	061G06031200FT	9JR6100000535	RST CHIP 120R 1/10W 1%	1
R757	061G0603109 JT	9JR6100000627	RST CHIP 1R 1/10W 5% TZAI YUAN	1
R758	061G0603752 JI	9JR6100000959	TEST ONLY RST 0603 7.5K 5% 1/16W TA-I	1
R759	061G06032002FT	9JR6100000855	RST CHIP 20K 1/10W 1%	1
R760	061G06032202FT	9JR6100000474	RST CHIP 22K 1/10W 1%	1
R761	061G06034701FT	9JR6100000890	RST CHIP 4K7 1/10W 1%	1
R762	061G06031200FT	9JR6100000535	RST CHIP 120R 1/10W 1%	1
R763	061G0603109 JT	9JR6100000627	RST CHIP 1R 1/10W 5% TZAI YUAN	1
RP1000	061G 1260008JY	9JR6100000873	RST CHIP AR 8P4R 0 OHM +-5% 1/16W	1
RP1001	061G 1260008JY	9JR6100000873	RST CHIP AR 8P4R 0 OHM +-5% 1/16W	1
RP1002	061G 1260008JY	9JR6100000873	RST CHIP AR 8P4R 0 OHM +-5% 1/16W	1
RP1003	061G 1260008JY	9JR6100000873	RST CHIP AR 8P4R 0 OHM +-5% 1/16W	1
RP4100	061G 1265608JY	9JR6100000874	RST CHIP ARRAY 56R 1/16W 5% 8P4R	1
RP4101	061G 1265608JY	9JR6100000874	RST CHIP ARRAY 56R 1/16W 5% 8P4R	1
RP4102	061G 1265608JY	9JR6100000874	RST CHIP ARRAY 56R 1/16W 5% 8P4R	1
RP4103	061G 1265608JY	9JR6100000874	RST CHIP ARRAY 56R 1/16W 5% 8P4R	1
RP4104	061G 1265608JY	9JR6100000874	RST CHIP ARRAY 56R 1/16W 5% 8P4R	1
RP4105	061G 1265608JY	9JR6100000874	RST CHIP ARRAY 56R 1/16W 5% 8P4R	1
RP4106	061G 1265608JY	9JR6100000874	RST CHIP ARRAY 56R 1/16W 5% 8P4R	1
RP4107	061G 1265608JY	9JR6100000874	RST CHIP ARRAY 56R 1/16W 5% 8P4R	1
RP4108	061G 1265608JY	9JR6100000874	RST CHIP ARRAY 56R 1/16W 5% 8P4R	1
RP4109	061G 1265608JY	9JR6100000874	RST CHIP ARRAY 56R 1/16W 5% 8P4R	1
RP4110	061G 1265608JY	9JR6100000874	RST CHIP ARRAY 56R 1/16W 5% 8P4R	1
RP4111	061G 1265608JY	9JR6100000874	RST CHIP ARRAY 56R 1/16W 5% 8P4R	1
TH4050	061G 56A050 WT	9JR6100000432	SMD PTC 0.5A KMC3S050RY 1206	1
TU102	094G DVB T10P	9JR9400000008	TUNER DVB-T With Analog FH2607	1
U101	056G 575 14	9JR5600000174	IC Si2163 QFN-36	1
U102	056G 623906	9JR5600000078	IC NLASB3157DFT2G SC-88	1
U106	056G 616914	9JR5600000186	IC RC4580IPWR TSSOP8	1
U107	056G 616914	9JR5600000186	IC RC4580IPWR TSSOP8	1
U108	056G 133507	9JR5600000170	IC AS78L12RTR-G1 12V SOT-89 BCD	1
U110	056G1133913	9JR5600000107	IC M24C02-WDW6P TSSOP8	1
U401	056G 562316	9JR5600000171	IC Scaler MT5363LICG BGA-522 (H.264,CI)	1
U402	056G 615918	9JR5600000095	IC NT5TU32M16CG-BD BGA-84	1
U403	056G 615918	9JR5600000095	IC NT5TU32M16CG-BD BGA-84	1
U4051	705TPA56039	9JR7050000185	NAND Flash Assy (U4051)	1
U4053	056G 587 13	9JR5600000176	IC Transceiver MAX3232EEUE TSSOP-16	1
U409	705TPA56037	9JR7050000184	Serial IIC EEPROM Assy (U409)(AUO-NUTUNE	1
U410	056G 643 41	9JR5600000166	IC APX809-29SAG-7 SOT23	1
U411	056G 665528	9JR5600000180	IC G5250M1T1U 1A SOT23-5	1
U4150	056G 623906	9JR5600000078	IC NLASB3157DFT2G SC-88	1
U503	056G1133913	9JR5600000107	IC M24C02-WDW6P TSSOP8	1
U504	056G1133913	9JR5600000107	IC M24C02-WDW6P TSSOP8	1
U601	056G 616 54	9JR5600000178	IC TPA3110D2 15W TSSOP-28	1
U602	056G 616 59	9JR5600000179	IC TPA6132A2RTER 25mW QFN-16	1
U701	056G 563203	9JR5600000173	IC MP2212DN SOIC8E	1
U702	056G 563203	9JR5600000173	IC MP2212DN SOIC8E	1
U703	056G 585 8	9JR5600000175	AZ1117D-ADJTRE1 TO-252-2	1
U751	056G 563129	9JR5600000090	IC AME8810-AEGTZ 0.6A/3.3V SOT-223	1
U753	056G 585 8	9JR5600000175	AZ1117D-ADJTRE1 TO-252-2	1
U754	056G 133 30AAC	9JR5600000169	AZ1117H-ADJ-E1	1
U755	056G 563964	9JR5600000059	IC SC4215HSETRT SO-8	1
X1000	093G 22S928 C	9JR9300000166	CRYSTAL 7B16000195 20P 30PPM	1
X4150	093G 22S922 C	9JR9300000126	Crystal 54Mhz 10p SMD-49	1
ZD1051	093G 39GA28 T	9JR9300000116	ZENER DIODE RLZ13B SEMTECH	1
ZD1052	093G 39P599 T	9JR9300000117	MM3Z5V6B	1
ZD1063	093G 39P599 T	9JR9300000117	MM3Z5V6B	1
ZD1064	093G 39P599 T	9JR9300000117	MM3Z5V6B	1
ZD1065	093G 39P599 T	9JR9300000117	MM3Z5V6B	1
ZD1066	093G 39P599 T	9JR9300000117	MM3Z5V6B	1
ZD1067	093G 39P599 T	9JR9300000117	MM3Z5V6B	1
ZD1068	093G 39P599 T	9JR9300000117	MM3Z5V6B	1
ZD1150	093G 39P599 T	9JR9300000117	MM3Z5V6B	1
ZD1151	093G 39P599 T	9JR9300000117	MM3Z5V6B	1
ZD1152	093G 39P599 T	9JR9300000117	MM3Z5V6B	1

ZD1153	093G 39P599 T	9JR9300000117	MM3Z5V6B	1
ZD1154	093G 39P599 T	9JR9300000117	MM3Z5V6B	1
ZD1155	093G 39P599 T	9JR9300000117	MM3Z5V6B	1
ZD1160	093G 39P599 T	9JR9300000117	MM3Z5V6B	1
ZD1161	093G 39P599 T	9JR9300000117	MM3Z5V6B	1
ZD1162	093G 39P599 T	9JR9300000117	MM3Z5V6B	1
ZD1163	093G 39P599 T	9JR9300000117	MM3Z5V6B	1
ZD1169	093G 39P599 T	9JR9300000117	MM3Z5V6B	1

Model: LC-32LE320E(AUO)(E32AA2NBWLXPNS)

Item	TPV Code Number	SHARP 13NC	Description	Quantity
30	705TZA34074	9JR7050000196	BEZEL ASSY	1
41	P34T0463PAT 1T0100	9JR3400000014	REAR_COVER_EU	1
55	P01G0022 1	9JR0100000060	SCREW(40x30L)	4
56	Q45T 99609 79	9JR4500000013	EPE COVER FOR BASE	1
57	0Q1T 130 8120	9JR0100000012	SCREW	8
58	0Q1T 940 16120	9JR0100000065	SCREW	4
60	705TZA3461A	9JR7050000146	KEY COVER ASSY	1
63	0Q1G 330 5106	9JR0100000058	SCREW	2
80	705TZA1529A	9JR7050000191	SIDE IO ASSY	1
84	0M1T1730 6106	9JR0100000062	screW TAPPING M3X0.5X6+SW	5
85	0Q1T 930 10120	9JR0100000064	SCREW	1
90	P34T0465PAT 1T0100	9JR3400000015	BASE_NECK	1
99	0M1T 330 6120	9JR0100000056	SCREW 42A9930014	2
100	0M1T1730 6106	9JR0100000062	screW TAPPING M3X0.5X6+SW	15
101	0D1T3440 8106	9JR0100000042	SCREW PHM4-0.7X8 TPS	1
102	0M1T1740 12120 GP	9JR0100000063	SCREW	2
104	0Q1T 940 25120	9JR0100000066	SCREW 4 x25 120=NICKEL PLATE	2
105	0Q1T 930 10120	9JR0100000064	SCREW	18
126	Z40G 32084308A	9JR4000000103	RATING LABEL	1
127	P40TA00081328A	9JR4000000004	FAMILY SHEET- SERVICE	1
130	Z40G000184324A	9JR4000000105	CARTON LABEL	1
135	705TZA4106B	9JR7050000198	DFU ASSY(Western Europe)(Eastern Europe)	1
136	705TZA4107A	9JR7050000150	DFU ASSY(North Europe)	1
450	P44GJ024843 2A	9JR4400000078	CARTON	1
451	P44GJ024101	9JR4400000074	CUSHION_TL	1
452	P44GJ024201	9JR4400000075	CUSHION_TR	1
453	P44GJ024301	9JR4400000076	CUSHION_BL	1
454	P44GJ024401	9JR4400000077	CUSHION_BR	1
455	P45T 46024	9JR4500000006	PE BAG(950X735x0.72mm)	1
503	P40TD000813 9A	9JR4000000005	family sheet	1
506	P40TD00081311A	9JR4000000006	FAMILY SHEET	1
1050	750TVU315W5111N000	9JR7500000033	PANEL T315HW05 V1 TW AUO	1
1053	CBPFA4ABP3	9JR9900000072	MAIN PCB ASSY(Nutune TUNER)	0
1054	ADTVA6060PA1	9JR9900000070	POWER PCB ASSY	1
1056	IRPFAPA4	9JR9900000059	IR PCB ASSY	1
1057	KEPFAPA1	9JR9900000060	KEY PCB ASSY	1
1058	PTPFAPA2	9JR9900000075	MEMC PCB ASSY	1
1059	PTPFAPA3	9JR9900000076	RS232 PCB ASSY	1
1172	089G204A15NLS1	9JR8900000009	POWER CORD 1.5M PE8C5Z1B90A-04B	1
1176	098GRABD2NESPJ	9JR9800000005	REMOTE CONTROL RC-SHARP-420 FOR SHARP	1
1185	078G120A 18 M	9JR7800000020	SPEAKER 16 12W 130X30 550/350	1
1185	078G120A 18 Y	9JR7800000021	SPEAKER 16 12W 130X30 550/350	0
1186	017G DW905 LY	9JR1700000002	LED MODULE LYSB-3215B	1
8401	095G801413F940	9JR9500000107	HARNESS 13P-5P+3P 700mm	1
8401	095G801413X940	9JR9500000109	HARNESS 13P-5P+3P 700mm	0
8403	095G801411F913	9JR9500000104	HARNESS 11P-7P+4P 550mm	1
8403	095G801411X913	9JR9500000105	HARNESS 11P-7P+4P 550mm	0
8406	095G801851F923	9JR9500000116	HARNESS 51P-40P 100mm	1
8406	095G801851X923	9JR9500000117	HARNESS 51P-40P 100mm	0
8407	095G801841F908	9JR9500000114	HARNESS 41P-30P 100mm	1
8407	095G801841X908	9JR9500000115	HARNESS 41P-30P 100mm	0
8408	095G801840F917	9JR9500000111	HARNESS 40P-40P 320mm	1
8408	095G801840X917	9JR9500000113	HARNESS 40P-40P 320mm	0
8413	095G8014 5F926	9JR9500000102	HARNESS 5P-5P 40mm	1
8413	095G8014 5X926	9JR9500000103	HARNESS 5P-5P 40mm	0
8901	095G8021 3F907	9JR9500000118	HARNESS AC INLET-3P 120mm	1
	705TZA1528A	9JR7050000190	BASE BRACKET ASSY	1
	705TZA1532A	9JR7050000192	BRACKET STAND ASSY	1
	705TZA34075	9JR7050000197	BASE COVER ASSY	1
1053	CBPFA4ABP5	9JR9900000074	MAIN PCB ASSY(LG TUNER)	1
C1000	067G215C4713LV	9JR6700000216	EC 470uF 20% 16V RXY 8*9	1
C1001	065G0805106A7Z Y	9JR6500000311	CAP CHIP 0805 10UF Z 10V Y5V	1

C1003	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C1005	065G060327031J Y	9JR6500000323	CAP CHIP 0603 27P 50V NPO +/-5%	1
C1006	065G060327031J Y	9JR6500000323	CAP CHIP 0603 27P 50V NPO +/-5%	1
C1009	065G040210232K Y	9JR6500000225	CAP CHIP 0402 1N 50V X7R +/-10%	1
C1012	065G040247312K A	9JR6500000394	CAP CHIP 0402 47nF K 16V X7R	1
C1013	065G040247312K A	9JR6500000394	CAP CHIP 0402 47nF K 16V X7R	1
C1014	065G040247312K A	9JR6500000394	CAP CHIP 0402 47nF K 16V X7R	1
C1015	065G040247312K A	9JR6500000394	CAP CHIP 0402 47nF K 16V X7R	1
C1016	065G040239031J Y	9JR6500000440	CAP CHIP 0402 39pF 50V NPO +/-5%	1
C1017	065G040239031J Y	9JR6500000440	CAP CHIP 0402 39pF 50V NPO +/-5%	1
C1018	065G040233031J Y	9JR6500000237	CAP CHIP 0402 33P 50V NPO +/-5%	1
C1019	065G040233031J Y	9JR6500000237	CAP CHIP 0402 33P 50V NPO +/-5%	1
C1020	065G040222031J Y	9JR6500000235	CAP CHIP 0402 22P 50V NPO +/-5%	1
C1021	065G040222031J Y	9JR6500000235	CAP CHIP 0402 22P 50V NPO +/-5%	1
C1022	065G040233031J Y	9JR6500000237	CAP CHIP 0402 33P 50V NPO +/-5%	1
C1023	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C1024	065G060310605M Y	9JR6500000417	CAP CHIP 0603 10uF 6.3V X5R +/-20%	1
C1031	065G040210131J Y	9JR6500000319	CAP CHIP 0402 100P 50V NPO +/-5%	1
C1033	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C1034	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C1035	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C1036	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C1037	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C1038	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C1039	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C1040	065G060310605M Y	9JR6500000417	CAP CHIP 0603 10uF 6.3V X5R +/-20%	1
C1041	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C1048	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C1049	065G040210031D Y	9JR6500000437	CAP CHIP 0402 10PF D 50V NPO	1
C1050	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C1051	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C1052	065G040247312K A	9JR6500000394	CAP CHIP 0402 47nF K 16V X7R	1
C1053	065G040210332K Y	9JR6500000232	CAP CHIP 0402 10N 50V X7R +/-10%	1
C1054	065G040215031J Y	9JR6500000234	CAP CHIP 0402 15pF J 50V NPO	1
C1055	065G040210332K Y	9JR6500000232	CAP CHIP 0402 10N 50V X7R +/-10%	1
C1056	065G040215031J Y	9JR6500000234	CAP CHIP 0402 15pF J 50V NPO	1
C1057	065G040215031J Y	9JR6500000234	CAP CHIP 0402 15pF J 50V NPO	1
C1058	065G040210332K Y	9JR6500000232	CAP CHIP 0402 10N 50V X7R +/-10%	1
C1059	065G0805106A7Z Y	9JR6500000311	CAP CHIP 0805 10UF Z 10V Y5V	1
C1060	065G0805106A7Z Y	9JR6500000311	CAP CHIP 0805 10UF Z 10V Y5V	1
C1061	065G040247312K A	9JR6500000394	CAP CHIP 0402 47nF K 16V X7R	1
C1062	065G0805106A7Z Y	9JR6500000311	CAP CHIP 0805 10UF Z 10V Y5V	1
C1063	065G0805106A7Z Y	9JR6500000311	CAP CHIP 0805 10UF Z 10V Y5V	1
C1064	065G040247031J Y	9JR6500000203	CAP CHIP 0402 47pF 50V NPO +/-5%	1
C1065	065G040247312K A	9JR6500000394	CAP CHIP 0402 47nF K 16V X7R	1
C1066	065G040247031J Y	9JR6500000203	CAP CHIP 0402 47pF 50V NPO +/-5%	1
C1067	065G040247031J Y	9JR6500000203	CAP CHIP 0402 47pF 50V NPO +/-5%	1
C1068	065G040210332K Y	9JR6500000232	CAP CHIP 0402 10N 50V X7R +/-10%	1
C1069	065G040210332K Y	9JR6500000232	CAP CHIP 0402 10N 50V X7R +/-10%	1
C1070	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C1071	065G060310605M Y	9JR6500000417	CAP CHIP 0603 10uF 6.3V X5R +/-20%	1
C1072	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C1073	065G040282132K Y	9JR6500000416	CAP CHIP 0402 820P 50V X7R +/-10%	1
C1074	065G040282132K Y	9JR6500000416	CAP CHIP 0402 820P 50V X7R +/-10%	1
C1075	065G0805106A7Z Y	9JR6500000311	CAP CHIP 0805 10UF Z 10V Y5V	1
C1076	065G0805106A7Z Y	9JR6500000311	CAP CHIP 0805 10UF Z 10V Y5V	1
C1077	065G0805106A7Z Y	9JR6500000311	CAP CHIP 0805 10UF Z 10V Y5V	1
C1078	065G040210332K Y	9JR6500000232	CAP CHIP 0402 10N 50V X7R +/-10%	1
C1079	065G040210332K Y	9JR6500000232	CAP CHIP 0402 10N 50V X7R +/-10%	1
C1080	065G040210332K Y	9JR6500000232	CAP CHIP 0402 10N 50V X7R +/-10%	1
C1081	065G040210332K Y	9JR6500000232	CAP CHIP 0402 10N 50V X7R +/-10%	1
C1082	065G040247031J Y	9JR6500000203	CAP CHIP 0402 47pF 50V NPO +/-5%	1
C1083	065G040247031J Y	9JR6500000203	CAP CHIP 0402 47pF 50V NPO +/-5%	1
C1085	065G040247031J Y	9JR6500000203	CAP CHIP 0402 47pF 50V NPO +/-5%	1
C1086	065G040247031J Y	9JR6500000203	CAP CHIP 0402 47pF 50V NPO +/-5%	1
C1088	065G0805106A7Z Y	9JR6500000311	CAP CHIP 0805 10UF Z 10V Y5V	1
C1089	065G040210332K Y	9JR6500000232	CAP CHIP 0402 10N 50V X7R +/-10%	1

C1090	065G040210332K Y	9JR6500000232	CAP CHIP 0402 10N 50V X7R +/-10%	1
C1091	065G060322517Z Y	9JR6500000259	CAP CHIP 0603 2.2UF Z 16V Y5V	1
C1092	065G040210131J Y	9JR6500000319	CAP CHIP 0402 100P 50V NPO +/-5%	1
C1093	065G060322517Z Y	9JR6500000259	CAP CHIP 0603 2.2UF Z 16V Y5V	1
C1094	065G040210131J Y	9JR6500000319	CAP CHIP 0402 100P 50V NPO +/-5%	1
C1095	065G060310432K Y	9JR6500000251	CAP CHIP 0603 0.1UF K 50V X7R	1
C1096	065G060322517Z Y	9JR6500000259	CAP CHIP 0603 2.2UF Z 16V Y5V	1
C1097	065G060322517Z Y	9JR6500000259	CAP CHIP 0603 2.2UF Z 16V Y5V	1
C1098	065G080547517Z Y	9JR6500000426	CAP CHIP 0805 4.7UF Z 16V Y5V	1
C1099	065G040210131J Y	9JR6500000319	CAP CHIP 0402 100P 50V NPO +/-5%	1
C1100	065G040210131J Y	9JR6500000319	CAP CHIP 0402 100P 50V NPO +/-5%	1
C1101	065G060310512K 3	9JR6500000204	MLCC 0603 CAP 1uF K 16V X7R	1
C1102	065G040282132K Y	9JR6500000416	CAP CHIP 0402 820P 50V X7R +/-10%	1
C1103	065G040282132K Y	9JR6500000416	CAP CHIP 0402 820P 50V X7R +/-10%	1
C1104	065G040210332K Y	9JR6500000232	CAP CHIP 0402 10N 50V X7R +/-10%	1
C1105	065G040210332K Y	9JR6500000232	CAP CHIP 0402 10N 50V X7R +/-10%	1
C1106	065G040210332K Y	9JR6500000232	CAP CHIP 0402 10N 50V X7R +/-10%	1
C1107	065G040210332K Y	9JR6500000232	CAP CHIP 0402 10N 50V X7R +/-10%	1
C1150	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C1151	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C1152	065G0402105A5K Y	9JR6500000438	CAP 0402 1UF K 10V X5R	1
C1153	065G040215232K Y	9JR6500000439	CAP CHIP 0402 1.5NF 50V X7R	1
C1154	065G040210332K Y	9JR6500000232	CAP CHIP 0402 10N 50V X7R +/-10%	1
C1155	065G040250931C Y	9JR6500000441	CAP CHIP 0402 5PF 50V NPO +/-0.25pF	1
C1156	065G040215031J Y	9JR6500000234	CAP CHIP 0402 15pF J 50V NPO	1
C1157	065G040210332K Y	9JR6500000232	CAP CHIP 0402 10N 50V X7R +/-10%	1
C1158	065G040250931C Y	9JR6500000441	CAP CHIP 0402 5PF 50V NPO +/-0.25pF	1
C1159	065G040210332K Y	9JR6500000232	CAP CHIP 0402 10N 50V X7R +/-10%	1
C1160	065G040215031J Y	9JR6500000234	CAP CHIP 0402 15pF J 50V NPO	1
C1161	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C1162	065G040215031J Y	9JR6500000234	CAP CHIP 0402 15pF J 50V NPO	1
C1163	065G040210332K Y	9JR6500000232	CAP CHIP 0402 10N 50V X7R +/-10%	1
C1164	065G0805106A7Z Y	9JR6500000311	CAP CHIP 0805 10UF Z 10V Y5V	1
C1165	065G0805106A7Z Y	9JR6500000311	CAP CHIP 0805 10UF Z 10V Y5V	1
C1167	065G0805106A7Z Y	9JR6500000311	CAP CHIP 0805 10UF Z 10V Y5V	1
C1168	065G0805106A7Z Y	9JR6500000311	CAP CHIP 0805 10UF Z 10V Y5V	1
C1170	065G040250931C Y	9JR6500000441	CAP CHIP 0402 5PF 50V NPO +/-0.25pF	1
C1171	065G040250931C Y	9JR6500000441	CAP CHIP 0402 5PF 50V NPO +/-0.25pF	1
C1172	065G040250931C Y	9JR6500000441	CAP CHIP 0402 5PF 50V NPO +/-0.25pF	1
C1173	065G040215232K Y	9JR6500000439	CAP CHIP 0402 1.5NF 50V X7R	1
C1174	065G0805106A7Z Y	9JR6500000311	CAP CHIP 0805 10UF Z 10V Y5V	1
C1175	065G040210332K Y	9JR6500000232	CAP CHIP 0402 10N 50V X7R +/-10%	1
C1176	065G040210332K Y	9JR6500000232	CAP CHIP 0402 10N 50V X7R +/-10%	1
C1178	065G040210332K Y	9JR6500000232	CAP CHIP 0402 10N 50V X7R +/-10%	1
C1179	065G040210332K Y	9JR6500000232	CAP CHIP 0402 10N 50V X7R +/-10%	1
C1180	065G0805106A7Z Y	9JR6500000311	CAP CHIP 0805 10UF Z 10V Y5V	1
C1181	065G0805106A7Z Y	9JR6500000311	CAP CHIP 0805 10UF Z 10V Y5V	1
C1183	065G0805106A7Z Y	9JR6500000311	CAP CHIP 0805 10UF Z 10V Y5V	1
C1185	065G040247312K A	9JR6500000394	CAP CHIP 0402 47nF K 16V X7R	1
C1187	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C1188	065G040247312K A	9JR6500000394	CAP CHIP 0402 47nF K 16V X7R	1
C1191	065G040247312K A	9JR6500000394	CAP CHIP 0402 47nF K 16V X7R	1
C1192	065G040247031J Y	9JR6500000203	CAP CHIP 0402 47pF 50V NPO +/-5%	1
C1193	065G040210332K Y	9JR6500000232	CAP CHIP 0402 10N 50V X7R +/-10%	1
C1194	065G040210332K Y	9JR6500000232	CAP CHIP 0402 10N 50V X7R +/-10%	1
C1195	065G060333031J Y	9JR6500000290	CAP CHIP 0603 33P 50V NPO +/-5%	1
C1196	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C1197	065G0805106A7Z Y	9JR6500000311	CAP CHIP 0805 10UF Z 10V Y5V	1
C4000	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4001	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4002	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4003	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4004	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4005	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4006	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4007	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4008	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1

C4009	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4010	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4011	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4012	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4013	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4014	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4015	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4016	065G0805106A5K T	9JR6500000424	CHIP 10uF 10V X5R 0805	1
C402	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C404	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4050	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4051	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4052	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4053	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4054	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4055	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4056	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4057	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4058	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4059	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C406	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4060	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4061	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4062	065G060310512K 3	9JR6500000204	MLCC 0603 CAP 1uF K 16V X7R	1
C4063	067G305M1013PB	9JR6700000219	EC 100uF M 16V 6.3*7mm	1
C4064	065G0805106A7Z Y	9JR6500000311	CAP CHIP 0805 10UF Z 10V Y5V	1
C4067	065G060310512K 3	9JR6500000204	MLCC 0603 CAP 1uF K 16V X7R	1
C4068	065G060310512K 3	9JR6500000204	MLCC 0603 CAP 1uF K 16V X7R	1
C4069	065G060310512K 3	9JR6500000204	MLCC 0603 CAP 1uF K 16V X7R	1
C407	067G215H151 4C	9JR6700000218	EC 150UF 20% 25V SY 8*7	1
C4100	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4101	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4102	067G 3111013LT	9JR6700000213	EC SMD 100uF 16V VEL 6.3x5.5mm	1
C4103	067G 3111013LT	9JR6700000213	EC SMD 100uF 16V VEL 6.3x5.5mm	1
C4104	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4105	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4106	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4107	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4108	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4109	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4110	065G0805106A7Z Y	9JR6500000311	CAP CHIP 0805 10UF Z 10V Y5V	1
C4111	065G060310512K 3	9JR6500000204	MLCC 0603 CAP 1uF K 16V X7R	1
C4112	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4113	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4114	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4115	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4116	065G060310512K 3	9JR6500000204	MLCC 0603 CAP 1uF K 16V X7R	1
C4117	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4118	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4119	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4120	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4121	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4122	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4123	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4124	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4125	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4126	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4127	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4128	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4129	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4130	065G040210332K Y	9JR6500000232	CAP CHIP 0402 10N 50V X7R +/-10%	1
C4150	065G060310512K 3	9JR6500000204	MLCC 0603 CAP 1uF K 16V X7R	1
C4151	065G060310512K 3	9JR6500000204	MLCC 0603 CAP 1uF K 16V X7R	1
C4152	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4154	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4156	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4157	065G060310432K Y	9JR6500000251	CAP CHIP 0603 0.1UF K 50V X7R	1

C4158	065G060322517Z Y	9JR6500000259	CAP CHIP 0603 2.2UF Z 16V Y5V	1
C4159	065G060310432K Y	9JR6500000251	CAP CHIP 0603 0.1UF K 50V X7R	1
C4160	065G060310432K Y	9JR6500000251	CAP CHIP 0603 0.1UF K 50V X7R	1
C4161	065G060310432K Y	9JR6500000251	CAP CHIP 0603 0.1UF K 50V X7R	1
C4163	065G040210031D Y	9JR6500000437	CAP CHIP 0402 10PF D 50V NPO	1
C4164	065G040210031D Y	9JR6500000437	CAP CHIP 0402 10PF D 50V NPO	1
C4165	065G040210232K Y	9JR6500000225	CAP CHIP 0402 1N 50V X7R +/-10%	1
C4166	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4167	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4168	065G0603475A5K T	9JR6500000421	CAP CHIP 0603 4.7UF K 10V X5R	1
C4169	065G060310605M Y	9JR6500000417	CAP CHIP 0603 10uF 6.3V X5R +/-20%	1
C4201	065G0805106A7Z Y	9JR6500000311	CAP CHIP 0805 10UF Z 10V Y5V	1
C4202	065G0805106A7Z Y	9JR6500000311	CAP CHIP 0805 10UF Z 10V Y5V	1
C4203	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4204	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4205	065G040210031D Y	9JR6500000437	CAP CHIP 0402 10PF D 50V NPO	1
C4206	065G040210031D Y	9JR6500000437	CAP CHIP 0402 10PF D 50V NPO	1
C4207	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C501	065G0805106A7Z Y	9JR6500000311	CAP CHIP 0805 10UF Z 10V Y5V	1
C502	065G060310512K 3	9JR6500000204	MLCC 0603 CAP 1uF K 16V X7R	1
C503	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C504	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C505	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C506	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C507	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C508	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C509	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C510	065G0603475A5K T	9JR6500000421	CAP CHIP 0603 4.7UF K 10V X5R	1
C511	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C513	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C514	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C515	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C516	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C517	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C519	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C520	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C521	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C601	065G0805106A7Z Y	9JR6500000311	CAP CHIP 0805 10UF Z 10V Y5V	1
C602	065G060310432K Y	9JR6500000251	CAP CHIP 0603 0.1UF K 50V X7R	1
C603	065G060310432K Y	9JR6500000251	CAP CHIP 0603 0.1UF K 50V X7R	1
C604	067G 3112214CT	9JR6700000223	EC SMD 220UF 25V HV 8*10.5	1
C605	065G060310512K 3	9JR6500000204	MLCC 0603 CAP 1uF K 16V X7R	1
C606	065G060310512K 3	9JR6500000204	MLCC 0603 CAP 1uF K 16V X7R	1
C608	065G0603225A5K T	9JR6500000419	CAP CHIP 0603 2.2uF K 10V X5R	1
C609	065G060310512K 3	9JR6500000204	MLCC 0603 CAP 1uF K 16V X7R	1
C610	065G0603225A5K T	9JR6500000419	CAP CHIP 0603 2.2uF K 10V X5R	1
C611	065G040210332K Y	9JR6500000232	CAP CHIP 0402 10N 50V X7R +/-10%	1
C613	065G060310432K Y	9JR6500000251	CAP CHIP 0603 0.1UF K 50V X7R	1
C614	065G040210232K Y	9JR6500000225	CAP CHIP 0402 1N 50V X7R +/-10%	1
C615	065G080510522K Y	9JR6500000170	CAP CHIP 0805 1UF K 25V X7R	1
C616	065G060310525K 3	9JR6500000442	MLCC 0603 1uF 25V X5R +/-10%	1
C617	065G060310525K 3	9JR6500000442	MLCC 0603 1uF 25V X5R +/-10%	1
C618	065G060310432K Y	9JR6500000251	CAP CHIP 0603 0.1UF K 50V X7R	1
C619	065G040210232K Y	9JR6500000225	CAP CHIP 0402 1N 50V X7R +/-10%	1
C620	065G080533432K A	9JR6500000425	CAP CHIP 0805 0.33uF K 50V X7R	1
C621	065G060347412K Y	9JR6500000293	CAP CHIP 0603 0.47UF K 16V X7R	1
C622	065G060347412K Y	9JR6500000293	CAP CHIP 0603 0.47UF K 16V X7R	1
C623	065G060347412K Y	9JR6500000293	CAP CHIP 0603 0.47UF K 16V X7R	1
C624	065G060347412K Y	9JR6500000293	CAP CHIP 0603 0.47UF K 16V X7R	1
C625	065G080533432K A	9JR6500000425	CAP CHIP 0805 0.33uF K 50V X7R	1
C626	065G080533432K A	9JR6500000425	CAP CHIP 0805 0.33uF K 50V X7R	1
C627	065G060322422K Y	9JR6500000402	CAP CHIP 0603 0.22UF K 25V X7R	1
C628	065G060322422K Y	9JR6500000402	CAP CHIP 0603 0.22UF K 25V X7R	1
C629	065G060322422K Y	9JR6500000402	CAP CHIP 0603 0.22UF K 25V X7R	1
C630	065G060322422K Y	9JR6500000402	CAP CHIP 0603 0.22UF K 25V X7R	1
C631	065G080533432K A	9JR6500000425	CAP CHIP 0805 0.33uF K 50V X7R	1
C632	065G040210232K Y	9JR6500000225	CAP CHIP 0402 1N 50V X7R +/-10%	1

C633	067G 3112217CT	9JR6700000215	EC SMD 220UF 20% 50V HV 10*10.5	1
C634	067G 3112217CT	9JR6700000215	EC SMD 220UF 20% 50V HV 10*10.5	1
C636	065G040210232K Y	9JR6500000225	CAP CHIP 0402 1N 50V X7R +/-10%	1
C638	065G040210232K Y	9JR6500000225	CAP CHIP 0402 1N 50V X7R +/-10%	1
C641	065G040210232K Y	9JR6500000225	CAP CHIP 0402 1N 50V X7R +/-10%	1
C642	065G0805106A7Z Y	9JR6500000311	CAP CHIP 0805 10UF Z 10V Y5V	1
C643	065G0805106A7Z Y	9JR6500000311	CAP CHIP 0805 10UF Z 10V Y5V	1
C644	065G040222232K Y	9JR6500000201	CAP CHIP 0402 2N2 50V X7R +/-10%	1
C645	065G040222232K Y	9JR6500000201	CAP CHIP 0402 2N2 50V X7R +/-10%	1
C646	065G040210332K Y	9JR6500000232	CAP CHIP 0402 10N 50V X7R +/-10%	1
C647	065G040210332K Y	9JR6500000232	CAP CHIP 0402 10N 50V X7R +/-10%	1
C702	067G215C4713LV	9JR6700000216	EC 470uF 20% 16V RXY 8*9	1
C705	065G060310512K 3	9JR6500000204	MLCC 0603 CAP 1uF K 16V X7R	1
C706	065G060310512K 3	9JR6500000204	MLCC 0603 CAP 1uF K 16V X7R	1
C707	065G060310432K Y	9JR6500000251	CAP CHIP 0603 0.1UF K 50V X7R	1
C708	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C709	065G060310512K 3	9JR6500000204	MLCC 0603 CAP 1uF K 16V X7R	1
C711	065G060310432K Y	9JR6500000251	CAP CHIP 0603 0.1UF K 50V X7R	1
C712	065G0805106A7Z Y	9JR6500000311	CAP CHIP 0805 10UF Z 10V Y5V	1
C713	065G1206226A5K T	9JR6500000429	CAP CHIP1206 22uF K 10V X5R	1
C714	065G1206226A5K T	9JR6500000429	CAP CHIP1206 22uF K 10V X5R	1
C715	065G060310432K Y	9JR6500000251	CAP CHIP 0603 0.1UF K 50V X7R	1
C716	065G060310432K Y	9JR6500000251	CAP CHIP 0603 0.1UF K 50V X7R	1
C717	065G060310432K Y	9JR6500000251	CAP CHIP 0603 0.1UF K 50V X7R	1
C718	065G060310432K Y	9JR6500000251	CAP CHIP 0603 0.1UF K 50V X7R	1
C719	065G1206226A5K T	9JR6500000429	CAP CHIP1206 22uF K 10V X5R	1
C720	065G060356131J Y	9JR6500000445	CAP CHIP 0603 560PF J 50V NPO	1
C721	065G1206226A5K T	9JR6500000429	CAP CHIP1206 22uF K 10V X5R	1
C722	065G060356131J Y	9JR6500000445	CAP CHIP 0603 560PF J 50V NPO	1
C723	065G1206226A5K T	9JR6500000429	CAP CHIP1206 22uF K 10V X5R	1
C724	065G1206226A5K T	9JR6500000429	CAP CHIP1206 22uF K 10V X5R	1
C725	065G060310512K 3	9JR6500000204	MLCC 0603 CAP 1uF K 16V X7R	1
C726	065G1206226A5K T	9JR6500000429	CAP CHIP1206 22uF K 10V X5R	1
C727	065G060310512K 3	9JR6500000204	MLCC 0603 CAP 1uF K 16V X7R	1
C728	065G1206226A5K T	9JR6500000429	CAP CHIP1206 22uF K 10V X5R	1
C729	065G120610612K T	9JR6500000427	CAP CHIP 1206 10UF K 16V X7R	1
C730	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C733	065G060310512K 3	9JR6500000204	MLCC 0603 CAP 1uF K 16V X7R	1
C734	067G215H101 4C	9JR6700000217	EC 100UF 20% 25V SY 8*7	1
C752	067G305M1013PB	9JR6700000219	EC 100uF M 16V 6.3*7mm	1
C753	067G305M1013PB	9JR6700000219	EC 100uF M 16V 6.3*7mm	1
C754	065G060310512K 3	9JR6500000204	MLCC 0603 CAP 1uF K 16V X7R	1
C755	065G0603475A5K T	9JR6500000421	CAP CHIP 0603 4.7UF K 10V X5R	1
C756	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C758	065G060310512K 3	9JR6500000204	MLCC 0603 CAP 1uF K 16V X7R	1
C764	065G0805106A7Z Y	9JR6500000311	CAP CHIP 0805 10UF Z 10V Y5V	1
C765	065G060310512K 3	9JR6500000204	MLCC 0603 CAP 1uF K 16V X7R	1
C766	065G060310512K 3	9JR6500000204	MLCC 0603 CAP 1uF K 16V X7R	1
C767	065G0805106A7Z Y	9JR6500000311	CAP CHIP 0805 10UF Z 10V Y5V	1
C768	065G080510615K Y	9JR6500000446	CAP CHIP 0805 10uF K 16V X5R	1
C769	065G0805106A7Z Y	9JR6500000311	CAP CHIP 0805 10UF Z 10V Y5V	1
CN101	088G353A15FCSL	9JR8800000115	D-SUB 15PIN FEMALE VERTICAL SCREWED	1
CN102	088G 302 69 YG	9JR8800000099	PHONE JACK 3P GREEN 10.5mm V/T	1
CN103	088G 352 14 YG	9JR8800000102	USB CONN A TYPE SPRING	1
CN111	088G 78 13 80 YG	9JR8800000109	RCA JACK 1*5 G/BL/R/W/R V/T 10.5mm	1
CN136	088G 7813C75C	9JR8800000098	RCA JACK 1*3 Y/W/R	1
CN140	088G 7813C57C	9JR8800000091	RCA JACK 1*2 W/R V/T	1
CN151	088G 35521G C	9JR8800000104	SCART CONN. 21P V/T 10.5mm	1
CN152	088G 35521G C	9JR8800000104	SCART CONN. 21P V/T 10.5mm	1
CN159	088G 50019A VA	9JR8800000105	PCMCIA CONN 11112203	1
CN401	033G380213B Y	9JR3300000073	CONNECTOR	1
CN408	033G8033 40 X	9JR3300000063	CON. V 2*20P M 1.25 SM S1312-40SVA-1R	1
CN411	033G3802 4B Y	9JR3300000060	CONNECTOR	1
CN412	033G3802 7B Y	9JR3300000064	CONNECTOR 7P 2.0 DIP	1
CN413	033G3802 5B Y	9JR3300000079	CONNECTOR 5P 2.0	1
CN501	088G 34019H VT	9JR8800000093	HDMI HEADER 19P V/T H:13.0mm	1
CN502	088G 34019H VT	9JR8800000093	HDMI HEADER 19P V/T H:13.0mm	1

CN506	088G 34019KA1V	9JR8800000113	HDMI HEADER 19P H: 2.8mm with spring	1
CN601	033G3278 4D	9JR3300000076	2.5mm Pitch Wafer	1
CN602	088G 30211K	9JR8800000058	PHONE JACK 5PIN	1
CN603	088G 78 8A 14 YG	9JR8800000111	RCA JACK 1P BLK 10.5mm V/T	1
CN701	033G327813D	9JR3300000077	CONNECTOR	1
D1050	093G 64S900 T	9JR9300000107	DIODE BAS316 SOT-323 PHILIPS	1
D1051	093G 64S900 T	9JR9300000107	DIODE BAS316 SOT-323 PHILIPS	1
D1052	093G 64S900 T	9JR9300000107	DIODE BAS316 SOT-323 PHILIPS	1
D1053	093G 64S900 T	9JR9300000107	DIODE BAS316 SOT-323 PHILIPS	1
D1054	093G 64S900 T	9JR9300000107	DIODE BAS316 SOT-323 PHILIPS	1
D1055	093G 64S900 T	9JR9300000107	DIODE BAS316 SOT-323 PHILIPS	1
D1056	093G 64S900 T	9JR9300000107	DIODE BAS316 SOT-323 PHILIPS	1
D1057	093G 64S900 T	9JR9300000107	DIODE BAS316 SOT-323 PHILIPS	1
D1058	093G 64S900 T	9JR9300000107	DIODE BAS316 SOT-323 PHILIPS	1
D1059	093G 64S900 T	9JR9300000107	DIODE BAS316 SOT-323 PHILIPS	1
D1060	093G 64S900 T	9JR9300000107	DIODE BAS316 SOT-323 PHILIPS	1
D1061	093G 64S900 T	9JR9300000107	DIODE BAS316 SOT-323 PHILIPS	1
D1062	093G 64S900 T	9JR9300000107	DIODE BAS316 SOT-323 PHILIPS	1
D1063	093G 64S900 T	9JR9300000107	DIODE BAS316 SOT-323 PHILIPS	1
D1064	093G 64S900 T	9JR9300000107	DIODE BAS316 SOT-323 PHILIPS	1
D1065	093G 64S900 T	9JR9300000107	DIODE BAS316 SOT-323 PHILIPS	1
D1066	093G 64S900 T	9JR9300000107	DIODE BAS316 SOT-323 PHILIPS	1
D1150	093G 64S900 T	9JR9300000107	DIODE BAS316 SOT-323 PHILIPS	1
D1151	093G 64S900 T	9JR9300000107	DIODE BAS316 SOT-323 PHILIPS	1
D1152	093G 64S900 T	9JR9300000107	DIODE BAS316 SOT-323 PHILIPS	1
D1153	093G 64S900 T	9JR9300000107	DIODE BAS316 SOT-323 PHILIPS	1
D1154	093G 64S900 T	9JR9300000107	DIODE BAS316 SOT-323 PHILIPS	1
D1155	093G 64S900 T	9JR9300000107	DIODE BAS316 SOT-323 PHILIPS	1
D1156	093G 64S900 T	9JR9300000107	DIODE BAS316 SOT-323 PHILIPS	1
D1157	093G 64S900 T	9JR9300000107	DIODE BAS316 SOT-323 PHILIPS	1
D1158	093G 64S900 T	9JR9300000107	DIODE BAS316 SOT-323 PHILIPS	1
D1159	093G 64S900 T	9JR9300000107	DIODE BAS316 SOT-323 PHILIPS	1
D1160	093G 64S900 T	9JR9300000107	DIODE BAS316 SOT-323 PHILIPS	1
D1161	093G 64S900 T	9JR9300000107	DIODE BAS316 SOT-323 PHILIPS	1
D1166	093G 64S900 T	9JR9300000107	DIODE BAS316 SOT-323 PHILIPS	1
D1167	093G 64S900 T	9JR9300000107	DIODE BAS316 SOT-323 PHILIPS	1
D1170	093G 64S900 T	9JR9300000107	DIODE BAS316 SOT-323 PHILIPS	1
D1171	093G 64S900 T	9JR9300000107	DIODE BAS316 SOT-323 PHILIPS	1
D1172	093G 64S900 T	9JR9300000107	DIODE BAS316 SOT-323 PHILIPS	1
D1173	093G 64S900 T	9JR9300000107	DIODE BAS316 SOT-323 PHILIPS	1
D4050	093G 64 33	9JR9300000113	DIO SIG SM BAV99 (PHSE)R	1
D4051	093G 64 33	9JR9300000113	DIO SIG SM BAV99 (PHSE)R	1
D4151	093G 64 33	9JR9300000113	DIO SIG SM BAV99 (PHSE)R	1
D4152	093G 64 33	9JR9300000113	DIO SIG SM BAV99 (PHSE)R	1
D501	093G 64S900 T	9JR9300000107	DIODE BAS316 SOT-323 PHILIPS	1
D502	093G 64S900 T	9JR9300000107	DIODE BAS316 SOT-323 PHILIPS	1
D503	093G 64S900 T	9JR9300000107	DIODE BAS316 SOT-323 PHILIPS	1
D504	093G 64S900 T	9JR9300000107	DIODE BAS316 SOT-323 PHILIPS	1
D505	093G 64S900 T	9JR9300000107	DIODE BAS316 SOT-323 PHILIPS	1
D506	093G 64S900 T	9JR9300000107	DIODE BAS316 SOT-323 PHILIPS	1
D507	093G 64S900 T	9JR9300000107	DIODE BAS316 SOT-323 PHILIPS	1
D508	093G 64S900 T	9JR9300000107	DIODE BAS316 SOT-323 PHILIPS	1
D509	093G 64S900 T	9JR9300000107	DIODE BAS316 SOT-323 PHILIPS	1
D510	093G 64S900 T	9JR9300000107	DIODE BAS316 SOT-323 PHILIPS	1
D511	093G 60505	9JR9300000134	DIO SIG SM BAT54C(PHSE)R	1
D603	093G 64S900 T	9JR9300000107	DIODE BAS316 SOT-323 PHILIPS	1
D604	093G 64S900 T	9JR9300000107	DIODE BAS316 SOT-323 PHILIPS	1
D606	093G 64S900 T	9JR9300000107	DIODE BAS316 SOT-323 PHILIPS	1
D607	093G 64S900 T	9JR9300000107	DIODE BAS316 SOT-323 PHILIPS	1
D608	093G 64S900 T	9JR9300000107	DIODE BAS316 SOT-323 PHILIPS	1
D702	093G 60S922 T	9JR9300000167	DIODE FB340M DO-222AA	1
D703	093G 64S900 T	9JR9300000107	DIODE BAS316 SOT-323 PHILIPS	1
D704	093G 64S900 T	9JR9300000107	DIODE BAS316 SOT-323 PHILIPS	1
FB1000	071G 59A121 TA	9JR7100000031	CHIP BEAD 120R/3000mA HCB1608KF-121T30	1
FB1002	071G 59A121 TA	9JR7100000031	CHIP BEAD 120R/3000mA HCB1608KF-121T30	1
FB1003	071G 59A121 TA	9JR7100000031	CHIP BEAD 120R/3000mA HCB1608KF-121T30	1
FB1004	071G 59A121 TA	9JR7100000031	CHIP BEAD 120R/3000mA HCB1608KF-121T30	1

FB1005	071G 59A121 TA	9JR7100000031	CHIP BEAD 120R/3000mA HCB1608KF-121T30	1
FB1006	071G 56A221 TA	9JR7100000039	IND FXD 0805 EMI 100MHZ 220R R	1
FB1007	071G 59A121 TA	9JR7100000031	CHIP BEAD 120R/3000mA HCB1608KF-121T30	1
FB1009	071G 59A121 TA	9JR7100000031	CHIP BEAD 120R/3000mA HCB1608KF-121T30	1
FB1011	071G 59A121 TA	9JR7100000031	CHIP BEAD 120R/3000mA HCB1608KF-121T30	1
FB1012	071G 59A121 TA	9JR7100000031	CHIP BEAD 120R/3000mA HCB1608KF-121T30	1
FB1013	071G 59A121 TA	9JR7100000031	CHIP BEAD 120R/3000mA HCB1608KF-121T30	1
FB1014	071G 59A121 TA	9JR7100000031	CHIP BEAD 120R/3000mA HCB1608KF-121T30	1
FB1017	071G 59A121 TA	9JR7100000031	CHIP BEAD 120R/3000mA HCB1608KF-121T30	1
FB1018	071G 59A121 TA	9JR7100000031	CHIP BEAD 120R/3000mA HCB1608KF-121T30	1
FB1020	071G 59A121 TA	9JR7100000031	CHIP BEAD 120R/3000mA HCB1608KF-121T30	1
FB1021	071G 59A121 TA	9JR7100000031	CHIP BEAD 120R/3000mA HCB1608KF-121T30	1
FB1022	071G 59A121 TA	9JR7100000031	CHIP BEAD 120R/3000mA HCB1608KF-121T30	1
FB1023	071T 59C600 TA	9JR7100000020	CHIP BEAD 60ohm 600mA FCM1608CF-600T06	1
FB1024	071G 59A121 TA	9JR7100000031	CHIP BEAD 120R/3000mA HCB1608KF-121T30	1
FB1025	071G 59A121 TA	9JR7100000031	CHIP BEAD 120R/3000mA HCB1608KF-121T30	1
FB1052	071G 59C800 TA	9JR7100000066	CHIP BEAD 80R 400mA FCM16008CF-800T04	1
FB1053	071G 59C800 TA	9JR7100000066	CHIP BEAD 80R 400mA FCM16008CF-800T04	1
FB1054	071G 59C800 TA	9JR7100000066	CHIP BEAD 80R 400mA FCM16008CF-800T04	1
FB1158	071G 59C800 TA	9JR7100000066	CHIP BEAD 80R 400mA FCM16008CF-800T04	1
FB1159	071G 59C800 TA	9JR7100000066	CHIP BEAD 80R 400mA FCM16008CF-800T04	1
FB1160	071G 59C800 TA	9JR7100000066	CHIP BEAD 80R 400mA FCM16008CF-800T04	1
FB1161	071G 59C800 TA	9JR7100000066	CHIP BEAD 80R 400mA FCM16008CF-800T04	1
FB1162	071G 59C800 TA	9JR7100000066	CHIP BEAD 80R 400mA FCM16008CF-800T04	1
FB1163	071G 59C800 TA	9JR7100000066	CHIP BEAD 80R 400mA FCM16008CF-800T04	1
FB1164	071G 59C800 TA	9JR7100000066	CHIP BEAD 80R 400mA FCM16008CF-800T04	1
FB1165	071G 59C800 TA	9JR7100000066	CHIP BEAD 80R 400mA FCM16008CF-800T04	1
FB1166	071G 59D121 TA	9JR7100000033	CHIP BEAD 120R/600mA FCM1608KF-121T06	1
FB1167	071G 59C601 TA	9JR7100000032	CHIP BEAD 600R/200mA FCM1608K-601T02	1
FB1168	071G 59C601 TA	9JR7100000032	CHIP BEAD 600R/200mA FCM1608K-601T02	1
FB4000	071G 59A121 TA	9JR7100000031	CHIP BEAD 120R/3000mA HCB1608KF-121T30	1
FB402	071G 59A121 TA	9JR7100000031	CHIP BEAD 120R/3000mA HCB1608KF-121T30	1
FB403	071G 59A121 TA	9JR7100000031	CHIP BEAD 120R/3000mA HCB1608KF-121T30	1
FB4057	071G 59D121 TA	9JR7100000033	CHIP BEAD 120R/600mA FCM1608KF-121T06	1
FB4058	071G 59D121 TA	9JR7100000033	CHIP BEAD 120R/600mA FCM1608KF-121T06	1
FB4060	071G 56A221 TA	9JR7100000039	IND FXD 0805 EMI 100MHZ 220R R	1
FB4100	071G 59D121 TA	9JR7100000033	CHIP BEAD 120R/600mA FCM1608KF-121T06	1
FB4151	071G 59D121 TA	9JR7100000033	CHIP BEAD 120R/600mA FCM1608KF-121T06	1
FB4152	071G 59C601 TA	9JR7100000032	CHIP BEAD 600R/200mA FCM1608K-601T02	1
FB4200	071G 56A221 TA	9JR7100000039	IND FXD 0805 EMI 100MHZ 220R R	1
FB501	071G 59C601 TA	9JR7100000032	CHIP BEAD 600R/200mA FCM1608K-601T02	1
FB502	071G 59C601 TA	9JR7100000032	CHIP BEAD 600R/200mA FCM1608K-601T02	1
FB503	071G 59C601 TA	9JR7100000032	CHIP BEAD 600R/200mA FCM1608K-601T02	1
FB504	071G 59A121 TA	9JR7100000031	CHIP BEAD 120R/3000mA HCB1608KF-121T30	1
FB505	071G 59A121 TA	9JR7100000031	CHIP BEAD 120R/3000mA HCB1608KF-121T30	1
FB601	071G 59A121 TA	9JR7100000031	CHIP BEAD 120R/3000mA HCB1608KF-121T30	1
FB605	071G 56A221 TA	9JR7100000039	IND FXD 0805 EMI 100MHZ 220R R	1
FB606	071G 56A221 TA	9JR7100000039	IND FXD 0805 EMI 100MHZ 220R R	1
FB701	071G 59A121 TA	9JR7100000031	CHIP BEAD 120R/3000mA HCB1608KF-121T30	1
FB702	071G 59A121 TA	9JR7100000031	CHIP BEAD 120R/3000mA HCB1608KF-121T30	1
FB704	071G 56A221 TA	9JR7100000039	IND FXD 0805 EMI 100MHZ 220R R	1
FB705	071G 56A221 TA	9JR7100000039	IND FXD 0805 EMI 100MHZ 220R R	1
FB706	071G 56A221 TA	9JR7100000039	IND FXD 0805 EMI 100MHZ 220R R	1
FB707	071G 56A221 TA	9JR7100000039	IND FXD 0805 EMI 100MHZ 220R R	1
FB751	071G 56A221 TA	9JR7100000039	IND FXD 0805 EMI 100MHZ 220R R	1
L1000	073G 63228 TA	9JR7300000079	CHIP INDUCTOR 1608 0.22UH +-10% 0.8R	1
L1001	073G 63228 TA	9JR7300000079	CHIP INDUCTOR 1608 0.22UH +-10% 0.8R	1
L1002	073G 63338 TA	9JR7300000080	CHIP INDUCTOR 1608 0.33UH +-10% 0.85R	1
L1003	073G 63338 TA	9JR7300000080	CHIP INDUCTOR 1608 0.33UH +-10% 0.85R	1
L1050	073G 63189 TA	9JR7300000056	CHIP INDUCTOR 1U8 10% FCI1608F-1R8K	1
L1051	073G 63189 TA	9JR7300000056	CHIP INDUCTOR 1U8 10% FCI1608F-1R8K	1
L401	073G253S901 T	9JR7300000038	SMD CHOKE 90R/400mA ACM2012-900-2P	1
L402	073G253S901 T	9JR7300000038	SMD CHOKE 90R/400mA ACM2012-900-2P	1
L4150	073G 63828 TA	9JR7300000057	CHIP INDUCROR 0U82 10% FCI1608F-R82K	1
L601	073T 259903 T	9JR7300000051	CHOKE 47uH+/-10% TSL0808RA-470K1R2-PF	1
L602	073T 259903 T	9JR7300000051	CHOKE 47uH+/-10% TSL0808RA-470K1R2-PF	1
L603	073T 259903 T	9JR7300000051	CHOKE 47uH+/-10% TSL0808RA-470K1R2-PF	1

L604	073T 259903 T	9JR7300000051	CHOKE 47uH+/-10% TSL0808RA-470K1R2-PF	1
L701	073G253S 46 S	9JR7300000084	SMD CHOKE 4.7uH	1
L702	073G253S 46 S	9JR7300000084	SMD CHOKE 4.7uH	1
Q1050	057G 760900	9JR5700000057	DIGITAL TR DTC623TK SMT3	1
Q1051	057G 760900	9JR5700000057	DIGITAL TR DTC623TK SMT3	1
Q1052	057G 760900	9JR5700000057	DIGITAL TR DTC623TK SMT3	1
Q1053	057G 760900	9JR5700000057	DIGITAL TR DTC623TK SMT3	1
Q1054	057G 417512	9JR5700000069	MMBT3906	1
Q1055	057G 417512	9JR5700000069	MMBT3906	1
Q1150	057G 477900 T	9JR5700000052	TRA SIG SM BC847C (KEC0) R	1
Q1151	057G 760900	9JR5700000057	DIGITAL TR DTC623TK SMT3	1
Q1152	057G 760900	9JR5700000057	DIGITAL TR DTC623TK SMT3	1
Q1153	057G 417512	9JR5700000069	MMBT3906	1
Q1154	057G 417512	9JR5700000069	MMBT3906	1
Q1155	057G 763904	9JR5700000038	TRA FET 2N7002 SOT-23 PHILIPS	1
Q1156	057G 763904	9JR5700000038	TRA FET 2N7002 SOT-23 PHILIPS	1
Q1157	057G 477900 T	9JR5700000052	TRA SIG SM BC847C (KEC0) R	1
Q401	057G 417511	9JR5700000001	MMBT3904	1
Q402	057G 417511	9JR5700000001	MMBT3904	1
Q501	057G 477900 T	9JR5700000052	TRA SIG SM BC847C (KEC0) R	1
Q502	057G 763910	9JR5700000073	FET 2SK1828 TO-236MOD	1
Q503	057G 477900 T	9JR5700000052	TRA SIG SM BC847C (KEC0) R	1
Q504	057G 477900 T	9JR5700000052	TRA SIG SM BC847C (KEC0) R	1
Q505	057G 477900 T	9JR5700000052	TRA SIG SM BC847C (KEC0) R	1
Q506	057G 477900 T	9JR5700000052	TRA SIG SM BC847C (KEC0) R	1
Q507	057G 477900 T	9JR5700000052	TRA SIG SM BC847C (KEC0) R	1
Q508	057G 763910	9JR5700000073	FET 2SK1828 TO-236MOD	1
Q601	057G 477904 T	9JR5700000053	TRA BC847BW 100mA/45V SOT-323	1
Q602	057G 761902 T	9JR5700000059	TRA BC857BW 100mA/50V SOT-323	1
Q605	057G 477900 T	9JR5700000052	TRA SIG SM BC847C (KEC0) R	1
Q701	057G 477900 T	9JR5700000052	TRA SIG SM BC847C (KEC0) R	1
Q702	057G 477900 T	9JR5700000052	TRA SIG SM BC847C (KEC0) R	1
Q703	057G 763913	9JR5700000065	MOSFET AO6415 TSOP6	1
Q704	057G 763941	9JR5700000089	MOSFET AON4421 DFN	1
Q705	057G 477900 T	9JR5700000052	TRA SIG SM BC847C (KEC0) R	1
Q750	057G 763941	9JR5700000089	MOSFET AON4421 DFN	1
Q751	057G 477900 T	9JR5700000052	TRA SIG SM BC847C (KEC0) R	1
R1002	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R1003	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R1004	061G0603000 JI	9JR6100000931	TEST ONLY RST 0603 0.05R MAX 1/16W TA-I	1
R1005	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R1006	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R1007	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R1008	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R1010	061G0402000 JI	9JR6100000833	TEST ONLY RST 0402 0.05R MAX 1/16W TA-I	1
R1011	061G06031000FF	9JR6100000932	RST CHIPR 100 OHM +-1% 1/10W FENGHUA	1
R1012	061G06031000FF	9JR6100000932	RST CHIPR 100 OHM +-1% 1/10W FENGHUA	1
R1013	061G0402000 JI	9JR6100000833	TEST ONLY RST 0402 0.05R MAX 1/16W TA-I	1
R1017	061G0402000 JI	9JR6100000833	TEST ONLY RST 0402 0.05R MAX 1/16W TA-I	1
R1018	061G0402000 JI	9JR6100000833	TEST ONLY RST 0402 0.05R MAX 1/16W TA-I	1
R1019	061G0402102 JI	9JR6100000835	TEST ONLY RST 0402 1K 5% 1/16W TA-I	1
R1021	061G0402000 JI	9JR6100000833	TEST ONLY RST 0402 0.05R MAX 1/16W TA-I	1
R1025	061G0402000 JI	9JR6100000833	TEST ONLY RST 0402 0.05R MAX 1/16W TA-I	1
R1031	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R1032	061G0402101 JI	9JR6100000834	TEST ONLY RST 0402 100R 5% 1/16W TA-I	1
R1033	061G0402101 JI	9JR6100000834	TEST ONLY RST 0402 100R 5% 1/16W TA-I	1
R1038	061G0402000 JI	9JR6100000833	TEST ONLY RST 0402 0.05R MAX 1/16W TA-I	1
R1039	061G0402000 JI	9JR6100000833	TEST ONLY RST 0402 0.05R MAX 1/16W TA-I	1
R1041	061G0603000 JI	9JR6100000931	TEST ONLY RST 0603 0.05R MAX 1/16W TA-I	1
R1042	061G0402000 JI	9JR6100000833	TEST ONLY RST 0402 0.05R MAX 1/16W TA-I	1
R1043	061G0603000 JI	9JR6100000931	TEST ONLY RST 0603 0.05R MAX 1/16W TA-I	1
R1044	061G0603000 JI	9JR6100000931	TEST ONLY RST 0603 0.05R MAX 1/16W TA-I	1
R1045	061G0402000 JI	9JR6100000833	TEST ONLY RST 0402 0.05R MAX 1/16W TA-I	1
R1046	061G0402000 JI	9JR6100000833	TEST ONLY RST 0402 0.05R MAX 1/16W TA-I	1
R1047	061G0402510 JI	9JR6100000926	RST 0402 51R 5% 1/16W TA-I	1
R1048	061G0402510 JI	9JR6100000926	RST 0402 51R 5% 1/16W TA-I	1
R1049	061G0603000 JI	9JR6100000931	TEST ONLY RST 0603 0.05R MAX 1/16W TA-I	1

R1050	061G0603000 JI	9JR6100000931	TEST ONLY RST 0603 0.05R MAX 1/16W TA-I	1
R1051	061G0603000 JI	9JR6100000931	TEST ONLY RST 0603 0.05R MAX 1/16W TA-I	1
R1052	061G0603000 JI	9JR6100000931	TEST ONLY RST 0603 0.05R MAX 1/16W TA-I	1
R1060	061G0402750 JI	9JR6100000930	TEST ONLY RST 0402 75R 5% 1/16W TA-I	1
R1061	061G0402750 JI	9JR6100000930	TEST ONLY RST 0402 75R 5% 1/16W TA-I	1
R1062	061G0402750 JI	9JR6100000930	TEST ONLY RST 0402 75R 5% 1/16W TA-I	1
R1063	061G0402680 JF	9JR6100000929	RST CHIPR 68 OHM +-5% 1/16W FENGHUA	1
R1064	061G0402680 JF	9JR6100000929	RST CHIPR 68 OHM +-5% 1/16W FENGHUA	1
R1065	061G0402303 JF	9JR6100000918	RST CHIP R 30Kohm 1/16W +/-5% FENGHUA	1
R1066	061G0402750 JI	9JR6100000930	TEST ONLY RST 0402 75R 5% 1/16W TA-I	1
R1067	061G0402303 JF	9JR6100000918	RST CHIP R 30Kohm 1/16W +/-5% FENGHUA	1
R1068	061G0402303 JF	9JR6100000918	RST CHIP R 30Kohm 1/16W +/-5% FENGHUA	1
R1069	061G0402303 JF	9JR6100000918	RST CHIP R 30Kohm 1/16W +/-5% FENGHUA	1
R1070	061G0402750 JI	9JR6100000930	TEST ONLY RST 0402 75R 5% 1/16W TA-I	1
R1071	061G0402000 JI	9JR6100000833	TEST ONLY RST 0402 0.05R MAX 1/16W TA-I	1
R1072	061G0402000 JI	9JR6100000833	TEST ONLY RST 0402 0.05R MAX 1/16W TA-I	1
R1073	061G0402101 JI	9JR6100000834	TEST ONLY RST 0402 100R 5% 1/16W TA-I	1
R1074	061G0402101 JI	9JR6100000834	TEST ONLY RST 0402 100R 5% 1/16W TA-I	1
R1075	061G0402000 JI	9JR6100000833	TEST ONLY RST 0402 0.05R MAX 1/16W TA-I	1
R1076	061G0402000 JI	9JR6100000833	TEST ONLY RST 0402 0.05R MAX 1/16W TA-I	1
R1077	061G06031002FI	9JR6100000848	TEST ONLY RST 0603 10K 5% 1/16W TA-I	1
R1078	061G0402000 JI	9JR6100000833	TEST ONLY RST 0402 0.05R MAX 1/16W TA-I	1
R1079	061G0402000 JI	9JR6100000833	TEST ONLY RST 0402 0.05R MAX 1/16W TA-I	1
R1080	061G0402000 JI	9JR6100000833	TEST ONLY RST 0402 0.05R MAX 1/16W TA-I	1
R1081	061G0402000 JI	9JR6100000833	TEST ONLY RST 0402 0.05R MAX 1/16W TA-I	1
R1083	061G0402102 JI	9JR6100000835	TEST ONLY RST 0402 1K 5% 1/16W TA-I	1
R1084	061G0603473 JI	9JR6100000866	TEST ONLY RST 0603 47K 5% 1/16W TA-I	1
R1085	061G0603331 JF	9JR6100000948	RST CHIPR 330OHM 1/10W FENGHUA	1
R1086	061G0402000 JI	9JR6100000833	TEST ONLY RST 0402 0.05R MAX 1/16W TA-I	1
R1087	061G0603473 JI	9JR6100000866	TEST ONLY RST 0603 47K 5% 1/16W TA-I	1
R1088	061G0603331 JF	9JR6100000948	RST CHIPR 330OHM 1/10W FENGHUA	1
R1089	061G0402102 JI	9JR6100000835	TEST ONLY RST 0402 1K 5% 1/16W TA-I	1
R1090	061G0603000 JI	9JR6100000931	TEST ONLY RST 0603 0.05R MAX 1/16W TA-I	1
R1091	061G0603473 JI	9JR6100000866	TEST ONLY RST 0603 47K 5% 1/16W TA-I	1
R1092	061G0603331 JF	9JR6100000948	RST CHIPR 330OHM 1/10W FENGHUA	1
R1093	061G0603102 JI	9JR6100000850	TEST ONLY RST 0603 1K 5% 1/16W TA-I	1
R1094	061G0402000 JI	9JR6100000833	TEST ONLY RST 0402 0.05R MAX 1/16W TA-I	1
R1095	061G0402473 JI	9JR6100000924	TEST ONLY RST 0402 47K 5% 1/16W TA-I	1
R1096	061G0603331 JF	9JR6100000948	RST CHIPR 330OHM 1/10W FENGHUA	1
R1097	061G0402102 JI	9JR6100000835	TEST ONLY RST 0402 1K 5% 1/16W TA-I	1
R1098	061G06031002FI	9JR6100000848	TEST ONLY RST 0603 10K 5% 1/16W TA-I	1
R1099	061G0402750 JI	9JR6100000930	TEST ONLY RST 0402 75R 5% 1/16W TA-I	1
R1100	061G0402000 JI	9JR6100000833	TEST ONLY RST 0402 0.05R MAX 1/16W TA-I	1
R1101	061G0402750 JI	9JR6100000930	TEST ONLY RST 0402 75R 5% 1/16W TA-I	1
R1102	061G0402000 JI	9JR6100000833	TEST ONLY RST 0402 0.05R MAX 1/16W TA-I	1
R1103	061G0603103 JI	9JR6100000851	TEST ONLY RST 0603 10K 5% 1/16W TA-I	1
R1104	061G0603103 JI	9JR6100000851	TEST ONLY RST 0603 10K 5% 1/16W TA-I	1
R1105	061G0603363 JI	9JR6100000950	RST 0603 36K 5% 1/10W TA-I	1
R1106	061G0603000 JI	9JR6100000931	TEST ONLY RST 0603 0.05R MAX 1/16W TA-I	1
R1107	061G0603103 JI	9JR6100000851	TEST ONLY RST 0603 10K 5% 1/16W TA-I	1
R1108	061G0402000 JI	9JR6100000833	TEST ONLY RST 0402 0.05R MAX 1/16W TA-I	1
R1109	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R1110	061G0603472 JI	9JR6100000865	TEST ONLY RST 0603 4.7K 5% 1/16W TA-I	1
R1111	061G0603363 JI	9JR6100000950	RST 0603 36K 5% 1/10W TA-I	1
R1112	061G0603363 JI	9JR6100000950	RST 0603 36K 5% 1/10W TA-I	1
R1113	061G0603000 JI	9JR6100000931	TEST ONLY RST 0603 0.05R MAX 1/16W TA-I	1
R1114	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R1115	061G0603000 JI	9JR6100000931	TEST ONLY RST 0603 0.05R MAX 1/16W TA-I	1
R1116	061G0603472 JI	9JR6100000865	TEST ONLY RST 0603 4.7K 5% 1/16W TA-I	1
R1117	061G0603000 JI	9JR6100000931	TEST ONLY RST 0603 0.05R MAX 1/16W TA-I	1
R1118	061G0603103 JI	9JR6100000851	TEST ONLY RST 0603 10K 5% 1/16W TA-I	1
R1119	061G0603363 JI	9JR6100000950	RST 0603 36K 5% 1/10W TA-I	1
R1121	061G0603000 JI	9JR6100000931	TEST ONLY RST 0603 0.05R MAX 1/16W TA-I	1
R1122	061G0402222 JI	9JR6100000840	TEST ONLY RST 0402 2.2K 5% 1/16W TA-I	1
R1125	061G0402222 JI	9JR6100000840	TEST ONLY RST 0402 2.2K 5% 1/16W TA-I	1
R1126	061G0402000 JI	9JR6100000833	TEST ONLY RST 0402 0.05R MAX 1/16W TA-I	1
R1127	061G0603000 JI	9JR6100000931	TEST ONLY RST 0603 0.05R MAX 1/16W TA-I	1

R1129	061G0603750 JF	9JR6100000957	RST CHIPR 75OHM +- 5% 1/10W FENGHUA	1
R1130	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R1131	061G0402513 JF	9JR6100000928	RST CHIP 51K 1/16W 5% FENGHUA	1
R1132	061G0402513 JF	9JR6100000928	RST CHIP 51K 1/16W 5% FENGHUA	1
R1133	061G0603000 JI	9JR6100000931	TEST ONLY RST 0603 0.05R MAX 1/16W TA-I	1
R1134	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R1135	061G0402680 JF	9JR6100000929	RST CHIPR 68 OHM +-5% 1/16W FENGHUA	1
R1136	061G0402101 JI	9JR6100000834	TEST ONLY RST 0402 100R 5% 1/16W TA-I	1
R1137	061G0402101 JI	9JR6100000834	TEST ONLY RST 0402 100R 5% 1/16W TA-I	1
R1138	061G0402750 JI	9JR6100000930	TEST ONLY RST 0402 75R 5% 1/16W TA-I	1
R1150	061G0603303 JF	9JR6100000946	RST CHIP R 30KOHM 1/16W +/-5% FENGHUA	1
R1151	061G0402303 JF	9JR6100000918	RST CHIP R 30Kohm 1/16W +/-5% FENGHUA	1
R1152	061G0402303 JF	9JR6100000918	RST CHIP R 30Kohm 1/16W +/-5% FENGHUA	1
R1153	061G0402303 JF	9JR6100000918	RST CHIP R 30Kohm 1/16W +/-5% FENGHUA	1
R1154	061G0402303 JF	9JR6100000918	RST CHIP R 30Kohm 1/16W +/-5% FENGHUA	1
R1155	061G0402303 JF	9JR6100000918	RST CHIP R 30Kohm 1/16W +/-5% FENGHUA	1
R1156	061G0402000 JI	9JR6100000833	TEST ONLY RST 0402 0.05R MAX 1/16W TA-I	1
R1157	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R1158	061G0402680 JF	9JR6100000929	RST CHIPR 68 OHM +-5% 1/16W FENGHUA	1
R1159	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R1160	061G0402101 JI	9JR6100000834	TEST ONLY RST 0402 100R 5% 1/16W TA-I	1
R1161	061G04025609FI	9JR6100000843	TEST ONLY RST 0402 56R 1% 1/16W TA-I	1
R1162	061G0402101 JI	9JR6100000834	TEST ONLY RST 0402 100R 5% 1/16W TA-I	1
R1163	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R1164	061G0402680 JF	9JR6100000929	RST CHIPR 68 OHM +-5% 1/16W FENGHUA	1
R1165	061G0402000 JI	9JR6100000833	TEST ONLY RST 0402 0.05R MAX 1/16W TA-I	1
R1166	061G04025609FI	9JR6100000843	TEST ONLY RST 0402 56R 1% 1/16W TA-I	1
R1167	061G0603000 JI	9JR6100000931	TEST ONLY RST 0603 0.05R MAX 1/16W TA-I	1
R1168	061G0402180 JF	9JR6100000915	RST CHIPR 18 OHM +-5% 1/16W FENGHUA	1
R1169	061G04025609FI	9JR6100000843	TEST ONLY RST 0402 56R 1% 1/16W TA-I	1
R1170	061G0402180 JF	9JR6100000915	RST CHIPR 18 OHM +-5% 1/16W FENGHUA	1
R1171	061G0402680 JF	9JR6100000929	RST CHIPR 68 OHM +-5% 1/16W FENGHUA	1
R1172	061G0402180 JF	9JR6100000915	RST CHIPR 18 OHM +-5% 1/16W FENGHUA	1
R1173	061G0402000 JI	9JR6100000833	TEST ONLY RST 0402 0.05R MAX 1/16W TA-I	1
R1174	061G0402750 JI	9JR6100000930	TEST ONLY RST 0402 75R 5% 1/16W TA-I	1
R1175	061G0402680 JF	9JR6100000929	RST CHIPR 68 OHM +-5% 1/16W FENGHUA	1
R1176	061G0402750 JI	9JR6100000930	TEST ONLY RST 0402 75R 5% 1/16W TA-I	1
R1177	061G0402000 JI	9JR6100000833	TEST ONLY RST 0402 0.05R MAX 1/16W TA-I	1
R1178	061G0402680 JF	9JR6100000929	RST CHIPR 68 OHM +-5% 1/16W FENGHUA	1
R1179	061G0402750 JI	9JR6100000930	TEST ONLY RST 0402 75R 5% 1/16W TA-I	1
R1180	061G0402680 JF	9JR6100000929	RST CHIPR 68 OHM +-5% 1/16W FENGHUA	1
R1181	061G0402101 JI	9JR6100000834	TEST ONLY RST 0402 100R 5% 1/16W TA-I	1
R1182	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R1183	061G0402101 JI	9JR6100000834	TEST ONLY RST 0402 100R 5% 1/16W TA-I	1
R1184	061G0402152 JF	9JR6100000914	RST CHIPR 1.5KOHM +-5% 1/16W FENGHUA	1
R1185	061G0402152 JF	9JR6100000914	RST CHIPR 1.5KOHM +-5% 1/16W FENGHUA	1
R1186	061G0402000 JI	9JR6100000833	TEST ONLY RST 0402 0.05R MAX 1/16W TA-I	1
R1187	061G0402750 JI	9JR6100000930	TEST ONLY RST 0402 75R 5% 1/16W TA-I	1
R1188	061G0603472 JI	9JR6100000865	TEST ONLY RST 0603 4.7K 5% 1/16W TA-I	1
R1189	061G06032400FF	9JR6100000942	RST CHIPR 240 OHM +-1% 1/10W FENGHUA	1
R1190	061G0402750 JI	9JR6100000930	TEST ONLY RST 0402 75R 5% 1/16W TA-I	1
R1191	061G0402750 JI	9JR6100000930	TEST ONLY RST 0402 75R 5% 1/16W TA-I	1
R1192	061G0402101 JI	9JR6100000834	TEST ONLY RST 0402 100R 5% 1/16W TA-I	1
R1193	061G0402101 JI	9JR6100000834	TEST ONLY RST 0402 100R 5% 1/16W TA-I	1
R1194	061G0603101 JI	9JR6100000849	TEST ONLY RST 0603 100R 5% 1/16W TA-I	1
R1195	061G0603103 JI	9JR6100000851	TEST ONLY RST 0603 10K 5% 1/16W TA-I	1
R1196	061G0603101 JI	9JR6100000849	TEST ONLY RST 0603 100R 5% 1/16W TA-I	1
R1197	061G0402750 JI	9JR6100000930	TEST ONLY RST 0402 75R 5% 1/16W TA-I	1
R1198	061G0402101 JI	9JR6100000834	TEST ONLY RST 0402 100R 5% 1/16W TA-I	1
R1199	061G0402750 JI	9JR6100000930	TEST ONLY RST 0402 75R 5% 1/16W TA-I	1
R1200	061G0402000 JI	9JR6100000833	TEST ONLY RST 0402 0.05R MAX 1/16W TA-I	1
R1201	061G0402000 JI	9JR6100000833	TEST ONLY RST 0402 0.05R MAX 1/16W TA-I	1
R1202	061G0603000 JI	9JR6100000931	TEST ONLY RST 0603 0.05R MAX 1/16W TA-I	1
R1203	061G0603473 JI	9JR6100000866	TEST ONLY RST 0603 47K 5% 1/16W TA-I	1
R1204	061G0603331 JF	9JR6100000948	RST CHIPR 330OHM 1/10W FENGHUA	1
R1205	061G0603102 JI	9JR6100000850	TEST ONLY RST 0603 1K 5% 1/16W TA-I	1
R1206	061G0402000 JI	9JR6100000833	TEST ONLY RST 0402 0.05R MAX 1/16W TA-I	1

R1207	061G0402473 JI	9JR6100000924	TEST ONLY RST 0402 47K 5% 1/16W TA-I	1
R1208	061G0603331 JF	9JR6100000948	RST CHIPR 330OHM 1/10W FENGHUA	1
R1209	061G0402102 JI	9JR6100000835	TEST ONLY RST 0402 1K 5% 1/16W TA-I	1
R1210	061G0603222 JF	9JR6100000940	RST CHIPR 2.2K OHM +-5% 1/10W FENGHUA	1
R1211	061G0603222 JF	9JR6100000940	RST CHIPR 2.2K OHM +-5% 1/10W FENGHUA	1
R1212	061G0402330 JF	9JR6100000919	RST CHIPR 33 OHM +-5% 1/16W FENGHUA	1
R4000	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R4001	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R4003	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R4004	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R4005	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R4006	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R4050	061G06035600FF	9JR6100000954	RST CHIPR 560 OHM +-1% 1/10W FENGHUA	1
R4051	061G0402000 JI	9JR6100000833	TEST ONLY RST 0402 0.05R MAX 1/16W TA-I	1
R4052	061G0402000 JI	9JR6100000833	TEST ONLY RST 0402 0.05R MAX 1/16W TA-I	1
R4056	061G0603000 JI	9JR6100000931	TEST ONLY RST 0603 0.05R MAX 1/16W TA-I	1
R4057	061G0603000 JI	9JR6100000931	TEST ONLY RST 0603 0.05R MAX 1/16W TA-I	1
R4058	061G0603000 JI	9JR6100000931	TEST ONLY RST 0603 0.05R MAX 1/16W TA-I	1
R4059	061G0603000 JI	9JR6100000931	TEST ONLY RST 0603 0.05R MAX 1/16W TA-I	1
R406	061G0603102 JI	9JR6100000850	TEST ONLY RST 0603 1K 5% 1/16W TA-I	1
R4060	061G0603000 JI	9JR6100000931	TEST ONLY RST 0603 0.05R MAX 1/16W TA-I	1
R4061	061G0603000 JI	9JR6100000931	TEST ONLY RST 0603 0.05R MAX 1/16W TA-I	1
R4062	061G0603000 JI	9JR6100000931	TEST ONLY RST 0603 0.05R MAX 1/16W TA-I	1
R4063	061G0603000 JI	9JR6100000931	TEST ONLY RST 0603 0.05R MAX 1/16W TA-I	1
R407	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R408	061G0603101 JI	9JR6100000849	TEST ONLY RST 0603 100R 5% 1/16W TA-I	1
R409	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R410	061G0603202 JI	9JR6100000938	TEST ONLY RST 0603 2K 5% 1/16W TA-I	1
R4100	061G06031001FI	9JR6100000847	TEST ONLY RST 0603 1K 1% 1/10W TA-I	1
R4101	061G06031001FI	9JR6100000847	TEST ONLY RST 0603 1K 1% 1/10W TA-I	1
R4102	061G06031001FI	9JR6100000847	TEST ONLY RST 0603 1K 1% 1/10W TA-I	1
R4103	061G06031001FI	9JR6100000847	TEST ONLY RST 0603 1K 1% 1/10W TA-I	1
R4104	061G06031001FI	9JR6100000847	TEST ONLY RST 0603 1K 1% 1/10W TA-I	1
R4105	061G06031001FI	9JR6100000847	TEST ONLY RST 0603 1K 1% 1/10W TA-I	1
R4106	061G0402101 JI	9JR6100000834	TEST ONLY RST 0402 100R 5% 1/16W TA-I	1
R4107	061G0402101 JI	9JR6100000834	TEST ONLY RST 0402 100R 5% 1/16W TA-I	1
R4108	061G0402101 JI	9JR6100000834	TEST ONLY RST 0402 100R 5% 1/16W TA-I	1
R4109	061G0402220 JI	9JR6100000839	TEST ONLY RST 0402 22R 5% 1/16W TA-I	1
R4110	061G0402220 JI	9JR6100000839	TEST ONLY RST 0402 22R 5% 1/16W TA-I	1
R4111	061G0402220 JI	9JR6100000839	TEST ONLY RST 0402 22R 5% 1/16W TA-I	1
R4112	061G0402220 JI	9JR6100000839	TEST ONLY RST 0402 22R 5% 1/16W TA-I	1
R413	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R414	061G0805103 JF	9JR6100000960	RST CHIPR 10K OHM +-5% 1/8W FENGHUA	1
R4151	061G0603000 JI	9JR6100000931	TEST ONLY RST 0603 0.05R MAX 1/16W TA-I	1
R4152	061G0603109 JF	9JR6100000933	RST CHIP 1R 1/10W 5% FENGHUA	1
R4153	061G06031001FI	9JR6100000847	TEST ONLY RST 0603 1K 1% 1/10W TA-I	1
R4154	061G06036801FF	9JR6100000956	RST CHIPR 6.8KOHM +-1% 1/10W FENGHUA	1
R4156	061G0603000 JI	9JR6100000931	TEST ONLY RST 0603 0.05R MAX 1/16W TA-I	1
R4158	061G0402331 JF	9JR6100000920	RST CHIP 330R 1/16W 5% FENGHUA	1
R4159	061G0603101 JI	9JR6100000849	TEST ONLY RST 0603 100R 5% 1/16W TA-I	1
R4160	061G0603000 JI	9JR6100000931	TEST ONLY RST 0603 0.05R MAX 1/16W TA-I	1
R4162	061G0603163 JF	9JR6100000936	RST CHIPR 16KOHM 5% 1/10W FENGHUA	1
R4163	061G0603163 JF	9JR6100000936	RST CHIPR 16KOHM 5% 1/10W FENGHUA	1
R4164	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R4165	061G0402102 JI	9JR6100000835	TEST ONLY RST 0402 1K 5% 1/16W TA-I	1
R4166	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R4167	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R4168	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R4169	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R4170	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R4171	061G04023901FI	9JR6100000921	TEST ONLY RST 0402 3.9K 1% 1/16W TA-I	1
R4172	061G06031000FF	9JR6100000932	RST CHIPR 100 OHM +-1% 1/10W FENGHUA	1
R4173	061G04023901FI	9JR6100000921	TEST ONLY RST 0402 3.9K 1% 1/16W TA-I	1
R4174	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R4175	061G06031000FF	9JR6100000932	RST CHIPR 100 OHM +-1% 1/10W FENGHUA	1
R4176	061G0402330 JF	9JR6100000919	RST CHIPR 33 OHM +-5% 1/16W FENGHUA	1
R4177	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1

R4179	061G0603000 JI	9JR6100000931	TEST ONLY RST 0603 0.05R MAX 1/16W TA-I	1
R418	061G0603000 JI	9JR6100000931	TEST ONLY RST 0603 0.05R MAX 1/16W TA-I	1
R4180	061G0402104 JI	9JR6100000837	TEST ONLY RST 0402 100K 5% 1/16W TA-I	1
R4181	061G0603331 JF	9JR6100000948	RST CHIPR 330OHM 1/10W FENGHUA	1
R4182	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R4183	061G0603331 JF	9JR6100000948	RST CHIPR 330OHM 1/10W FENGHUA	1
R4184	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R4185	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R4186	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R4187	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R4188	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R4189	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R419	061G0603000 JI	9JR6100000931	TEST ONLY RST 0603 0.05R MAX 1/16W TA-I	1
R4190	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R4191	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R4192	061G0402000 JI	9JR6100000833	TEST ONLY RST 0402 0.05R MAX 1/16W TA-I	1
R4194	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R4195	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R4196	061G0402471 JI	9JR6100000923	TEST ONLY RST 0402 470R 5% 1/16W TA-I	1
R4197	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R4199	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R420	061G0603000 JI	9JR6100000931	TEST ONLY RST 0603 0.05R MAX 1/16W TA-I	1
R4200	061G0603472 JI	9JR6100000865	TEST ONLY RST 0603 4.7K 5% 1/16W TA-I	1
R4201	061G0603472 JI	9JR6100000865	TEST ONLY RST 0603 4.7K 5% 1/16W TA-I	1
R4202	061G0402220 JI	9JR6100000839	TEST ONLY RST 0402 22R 5% 1/16W TA-I	1
R4203	061G0402220 JI	9JR6100000839	TEST ONLY RST 0402 22R 5% 1/16W TA-I	1
R4204	061G0402220 JI	9JR6100000839	TEST ONLY RST 0402 22R 5% 1/16W TA-I	1
R4205	061G0402220 JI	9JR6100000839	TEST ONLY RST 0402 22R 5% 1/16W TA-I	1
R4206	061G0402220 JI	9JR6100000839	TEST ONLY RST 0402 22R 5% 1/16W TA-I	1
R4207	061G0402220 JI	9JR6100000839	TEST ONLY RST 0402 22R 5% 1/16W TA-I	1
R4208	061G0402220 JI	9JR6100000839	TEST ONLY RST 0402 22R 5% 1/16W TA-I	1
R4209	061G0402220 JI	9JR6100000839	TEST ONLY RST 0402 22R 5% 1/16W TA-I	1
R4210	061G0402220 JI	9JR6100000839	TEST ONLY RST 0402 22R 5% 1/16W TA-I	1
R4211	061G0402220 JI	9JR6100000839	TEST ONLY RST 0402 22R 5% 1/16W TA-I	1
R4212	061G0402220 JI	9JR6100000839	TEST ONLY RST 0402 22R 5% 1/16W TA-I	1
R4213	061G0402220 JI	9JR6100000839	TEST ONLY RST 0402 22R 5% 1/16W TA-I	1
R4214	061G0402220 JI	9JR6100000839	TEST ONLY RST 0402 22R 5% 1/16W TA-I	1
R4215	061G0402220 JI	9JR6100000839	TEST ONLY RST 0402 22R 5% 1/16W TA-I	1
R4216	061G0402220 JI	9JR6100000839	TEST ONLY RST 0402 22R 5% 1/16W TA-I	1
R4217	061G0402220 JI	9JR6100000839	TEST ONLY RST 0402 22R 5% 1/16W TA-I	1
R4218	061G0402220 JI	9JR6100000839	TEST ONLY RST 0402 22R 5% 1/16W TA-I	1
R4219	061G0402220 JI	9JR6100000839	TEST ONLY RST 0402 22R 5% 1/16W TA-I	1
R4220	061G0402220 JI	9JR6100000839	TEST ONLY RST 0402 22R 5% 1/16W TA-I	1
R4221	061G0402220 JI	9JR6100000839	TEST ONLY RST 0402 22R 5% 1/16W TA-I	1
R4222	061G0603103 JI	9JR6100000851	TEST ONLY RST 0603 10K 5% 1/16W TA-I	1
R4223	061G0603103 JI	9JR6100000851	TEST ONLY RST 0603 10K 5% 1/16W TA-I	1
R4224	061G0603103 JI	9JR6100000851	TEST ONLY RST 0603 10K 5% 1/16W TA-I	1
R4225	061G0603103 JI	9JR6100000851	TEST ONLY RST 0603 10K 5% 1/16W TA-I	1
R4226	061G0603103 JI	9JR6100000851	TEST ONLY RST 0603 10K 5% 1/16W TA-I	1
R4227	061G0603103 JI	9JR6100000851	TEST ONLY RST 0603 10K 5% 1/16W TA-I	1
R4229	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R4230	061G0603470 JF	9JR6100000952	RST CHIPR 47OHM +-5% 1/10W FENGHUA	1
R4231	061G0603104 JI	9JR6100000852	TEST ONLY RST 0603 100K 5% 1/16W TA-I	1
R4232	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R4233	061G0603103 JI	9JR6100000851	TEST ONLY RST 0603 10K 5% 1/16W TA-I	1
R4234	061G0603470 JF	9JR6100000952	RST CHIPR 47OHM +-5% 1/10W FENGHUA	1
R501	061G0603000 JI	9JR6100000931	TEST ONLY RST 0603 0.05R MAX 1/16W TA-I	1
R502	061G0603273 JF	9JR6100000943	RST CHIPR 27KOHM 5% 1/10W FENGHUA	1
R503	061G0603000 JI	9JR6100000931	TEST ONLY RST 0603 0.05R MAX 1/16W TA-I	1
R504	061G0603000 JI	9JR6100000931	TEST ONLY RST 0603 0.05R MAX 1/16W TA-I	1
R507	061G0603103 JI	9JR6100000851	TEST ONLY RST 0603 10K 5% 1/16W TA-I	1
R508	061G0603473 JI	9JR6100000866	TEST ONLY RST 0603 47K 5% 1/16W TA-I	1
R509	061G0603473 JI	9JR6100000866	TEST ONLY RST 0603 47K 5% 1/16W TA-I	1
R510	061G0402101 JI	9JR6100000834	TEST ONLY RST 0402 100R 5% 1/16W TA-I	1
R511	061G0402101 JI	9JR6100000834	TEST ONLY RST 0402 100R 5% 1/16W TA-I	1
R512	061G0402330 JF	9JR6100000919	RST CHIPR 33 OHM +-5% 1/16W FENGHUA	1
R514	061G0402474 JF	9JR6100000925	RST CHIP 470KOHM 5% 1/16W FENGHUA	1

R515	061G0402102 JI	9JR6100000835	TEST ONLY RST 0402 1K 5% 1/16W TA-I	1
R516	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R517	061G0402102 JI	9JR6100000835	TEST ONLY RST 0402 1K 5% 1/16W TA-I	1
R518	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R519	061G0402473 JI	9JR6100000924	TEST ONLY RST 0402 47K 5% 1/16W TA-I	1
R520	061G0402473 JI	9JR6100000924	TEST ONLY RST 0402 47K 5% 1/16W TA-I	1
R521	061G0402101 JI	9JR6100000834	TEST ONLY RST 0402 100R 5% 1/16W TA-I	1
R522	061G0402101 JI	9JR6100000834	TEST ONLY RST 0402 100R 5% 1/16W TA-I	1
R524	061G0402330 JF	9JR6100000919	RST CHIPR 33 OHM +-5% 1/16W FENGHUA	1
R525	061G0402474 JF	9JR6100000925	RST CHIP 470KOHM 5% 1/16W FENGHUA	1
R526	061G0402102 JI	9JR6100000835	TEST ONLY RST 0402 1K 5% 1/16W TA-I	1
R527	061G0402102 JI	9JR6100000835	TEST ONLY RST 0402 1K 5% 1/16W TA-I	1
R528	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R529	061G0402101 JI	9JR6100000834	TEST ONLY RST 0402 100R 5% 1/16W TA-I	1
R530	061G0402101 JI	9JR6100000834	TEST ONLY RST 0402 100R 5% 1/16W TA-I	1
R531	061G0402474 JF	9JR6100000925	RST CHIP 470KOHM 5% 1/16W FENGHUA	1
R532	061G0402102 JI	9JR6100000835	TEST ONLY RST 0402 1K 5% 1/16W TA-I	1
R533	061G0402102 JI	9JR6100000835	TEST ONLY RST 0402 1K 5% 1/16W TA-I	1
R534	061G0603000 JI	9JR6100000931	TEST ONLY RST 0603 0.05R MAX 1/16W TA-I	1
R535	061G0603103 JI	9JR6100000851	TEST ONLY RST 0603 10K 5% 1/16W TA-I	1
R536	061G0603473 JI	9JR6100000866	TEST ONLY RST 0603 47K 5% 1/16W TA-I	1
R537	061G0603473 JI	9JR6100000866	TEST ONLY RST 0603 47K 5% 1/16W TA-I	1
R538	061G0402330 JF	9JR6100000919	RST CHIPR 33 OHM +-5% 1/16W FENGHUA	1
R539	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R540	061G0603472 JI	9JR6100000865	TEST ONLY RST 0603 4.7K 5% 1/16W TA-I	1
R541	061G0603472 JI	9JR6100000865	TEST ONLY RST 0603 4.7K 5% 1/16W TA-I	1
R545	061G0402101 JI	9JR6100000834	TEST ONLY RST 0402 100R 5% 1/16W TA-I	1
R546	061G06034641FI	9JR6100000951	RST 0603 4.64K 1% 1/10W TA-I	1
R547	061G0603103 JI	9JR6100000851	TEST ONLY RST 0603 10K 5% 1/16W TA-I	1
R548	061G0603103 JI	9JR6100000851	TEST ONLY RST 0603 10K 5% 1/16W TA-I	1
R549	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R550	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R562	061G06035101FF	9JR6100000953	RST CHIPR 5.1KOHM +-1% 1/10W FENGHUA	1
R564	061G0402000 JI	9JR6100000833	TEST ONLY RST 0402 0.05R MAX 1/16W TA-I	1
R565	061G0603000 JI	9JR6100000931	TEST ONLY RST 0603 0.05R MAX 1/16W TA-I	1
R566	061G0603000 JI	9JR6100000931	TEST ONLY RST 0603 0.05R MAX 1/16W TA-I	1
R567	061G0603000 JI	9JR6100000931	TEST ONLY RST 0603 0.05R MAX 1/16W TA-I	1
R568	061G0402102 JI	9JR6100000835	TEST ONLY RST 0402 1K 5% 1/16W TA-I	1
R569	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R570	061G0402101 JI	9JR6100000834	TEST ONLY RST 0402 100R 5% 1/16W TA-I	1
R601	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R604	061G0402223 JI	9JR6100000916	TEST ONLY RST 0402 22K 5% 1/16W TA-I	1
R605	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R606	061G0402104 JI	9JR6100000837	TEST ONLY RST 0402 100K 5% 1/16W TA-I	1
R607	061G0402102 JI	9JR6100000835	TEST ONLY RST 0402 1K 5% 1/16W TA-I	1
R608	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R609	061G0603100 JI	9JR6100000846	TEST ONLY RST 0603 10R 5% 1/16W TA-I	1
R611	061G0402000 JI	9JR6100000833	TEST ONLY RST 0402 0.05R MAX 1/16W TA-I	1
R612	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R613	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R614	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R615	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R617	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R618	061G0603100 JI	9JR6100000846	TEST ONLY RST 0603 10R 5% 1/16W TA-I	1
R622	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R624	061G0402473 JI	9JR6100000924	TEST ONLY RST 0402 47K 5% 1/16W TA-I	1
R627	061G0603000 JI	9JR6100000931	TEST ONLY RST 0603 0.05R MAX 1/16W TA-I	1
R628	061G0402473 JI	9JR6100000924	TEST ONLY RST 0402 47K 5% 1/16W TA-I	1
R629	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R630	061G1206100 JF	9JR6100000961	RST CHIPR 10 OHM +-5% 1/4W FENGHUA	1
R631	061G0402512 JF	9JR6100000927	RST CHIP 5K1 1/16W 5% FENGHUA	1
R632	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R634	061G0402000 JI	9JR6100000833	TEST ONLY RST 0402 0.05R MAX 1/16W TA-I	1
R637	061G04021000FI	9JR6100000913	RST 0402 100R 1% 1/16W TA-I	1
R638	061G04021000FI	9JR6100000913	RST 0402 100R 1% 1/16W TA-I	1
R639	061G0402100 JI	9JR6100000912	TEST ONLY RST 0402 10R 5% 1/16W TA-I	1
R640	061G0402100 JI	9JR6100000912	TEST ONLY RST 0402 10R 5% 1/16W TA-I	1

R641	061G0402100 JI	9JR6100000912	TEST ONLY RST 0402 10R 5% 1/16W TA-I	1
R642	061G0402100 JI	9JR6100000912	TEST ONLY RST 0402 10R 5% 1/16W TA-I	1
R643	061G0402000 JI	9JR6100000833	TEST ONLY RST 0402 0.05R MAX 1/16W TA-I	1
R644	061G0402000 JI	9JR6100000833	TEST ONLY RST 0402 0.05R MAX 1/16W TA-I	1
R647	061G04024700FF	9JR6100000922	RST CHIP 470R 1/16W 1% FENGHUA	1
R648	061G04024700FF	9JR6100000922	RST CHIP 470R 1/16W 1% FENGHUA	1
R701	061G0603223 JI	9JR6100000941	RST 0603 22K 5% 1/10W TA-I	1
R702	061G0603333 JF	9JR6100000949	RST CHIPR 33KOHM 1/10W FENGHUA	1
R703	061G0805103 JF	9JR6100000960	RST CHIPR 10K OHM +-5% 1/8W FENGHUA	1
R704	061G0402101 JI	9JR6100000834	TEST ONLY RST 0402 100R 5% 1/16W TA-I	1
R705	061G0402272 JF	9JR6100000917	RST CHIP 2K7 1/16W 5% FENGHUA	1
R707	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R708	061G0603333 JF	9JR6100000949	RST CHIPR 33KOHM 1/10W FENGHUA	1
R710	061G0402102 JI	9JR6100000835	TEST ONLY RST 0402 1K 5% 1/16W TA-I	1
R711	061G0603223 JI	9JR6100000941	RST 0603 22K 5% 1/10W TA-I	1
R712	061G0402102 JI	9JR6100000835	TEST ONLY RST 0402 1K 5% 1/16W TA-I	1
R714	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R715	061G0603000 JI	9JR6100000931	TEST ONLY RST 0603 0.05R MAX 1/16W TA-I	1
R716	061G0603000 JI	9JR6100000931	TEST ONLY RST 0603 0.05R MAX 1/16W TA-I	1
R717	061G06031200FF	9JR6100000934	RST CHIPR 120 OHM +-1% 1/10W FENGHUA	1
R718	061G06031001FI	9JR6100000847	TEST ONLY RST 0603 1K 1% 1/10W TA-I	1
R719	061G06031501FI	9JR6100000935	TEST ONLY RST 0603 1.5K 1% 1/10W TA-I	1
R720	061G06033001FI	9JR6100000944	TEST ONLY RST 0603 3K 1% 1/10W TA-I	1
R721	061G06031002FI	9JR6100000848	TEST ONLY RST 0603 10K 5% 1/16W TA-I	1
R722	061G06031002FI	9JR6100000848	TEST ONLY RST 0603 10K 5% 1/16W TA-I	1
R723	061G06033002FF	9JR6100000945	RST CHIPR 30KOHM +-1% 1/10W FENGHUA	1
R725	061G0603000 JI	9JR6100000931	TEST ONLY RST 0603 0.05R MAX 1/16W TA-I	1
R726	061G0603000 JI	9JR6100000931	TEST ONLY RST 0603 0.05R MAX 1/16W TA-I	1
R727	061G12060004JF	9JR6100000872	RST CHIPR MAX0R05 4A 1/4W FENGHUA	1
R731	061G06035609FF	9JR6100000955	RST CHIPR 56 OHM +-1% 1/10W FENGHUA	1
R750	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R752	061G0603512 JI	9JR6100000868	TEST ONLY RST 0603 5.1K 5% 1/16W TA-I	1
R753	061G12060004JF	9JR6100000872	RST CHIPR MAX0R05 4A 1/4W FENGHUA	1
R755	061G0603103 JI	9JR6100000851	TEST ONLY RST 0603 10K 5% 1/16W TA-I	1
R756	061G06031200FF	9JR6100000934	RST CHIPR 120 OHM +-1% 1/10W FENGHUA	1
R757	061G0603109 JF	9JR6100000933	RST CHIP 1R 1/10W 5% FENGHUA	1
R758	061G0603752 JI	9JR6100000959	TEST ONLY RST 0603 7.5K 5% 1/16W TA-I	1
R759	061G06032002FF	9JR6100000937	RST CHIPR 20KOHM +-1% 1/10W FENGHUA	1
R760	061G06032202FF	9JR6100000939	RST CHIPR 22KOHM +-1% 1/10W FENGHUA	1
R761	061G06034701FF	9JR6100000863	RST CHIPR 4.7KOHM +-1% 1/10W FENGHUA	1
R762	061G06031200FF	9JR6100000934	RST CHIPR 120 OHM +-1% 1/10W FENGHUA	1
R763	061G0603109 JF	9JR6100000933	RST CHIP 1R 1/10W 5% FENGHUA	1
RP1000	061G 1260008JY	9JR6100000873	RST CHIP AR 8P4R 0 OHM +-5% 1/16W	1
RP1001	061G 1260008JY	9JR6100000873	RST CHIP AR 8P4R 0 OHM +-5% 1/16W	1
RP1002	061G 1260008JY	9JR6100000873	RST CHIP AR 8P4R 0 OHM +-5% 1/16W	1
RP1003	061G 1260008JY	9JR6100000873	RST CHIP AR 8P4R 0 OHM +-5% 1/16W	1
RP4100	061G 1265608JY	9JR6100000874	RST CHIP ARRAY 56R 1/16W 5% 8P4R	1
RP4101	061G 1265608JY	9JR6100000874	RST CHIP ARRAY 56R 1/16W 5% 8P4R	1
RP4102	061G 1265608JY	9JR6100000874	RST CHIP ARRAY 56R 1/16W 5% 8P4R	1
RP4103	061G 1265608JY	9JR6100000874	RST CHIP ARRAY 56R 1/16W 5% 8P4R	1
RP4104	061G 1265608JY	9JR6100000874	RST CHIP ARRAY 56R 1/16W 5% 8P4R	1
RP4105	061G 1265608JY	9JR6100000874	RST CHIP ARRAY 56R 1/16W 5% 8P4R	1
RP4106	061G 1265608JY	9JR6100000874	RST CHIP ARRAY 56R 1/16W 5% 8P4R	1
RP4107	061G 1265608JY	9JR6100000874	RST CHIP ARRAY 56R 1/16W 5% 8P4R	1
RP4108	061G 1265608JY	9JR6100000874	RST CHIP ARRAY 56R 1/16W 5% 8P4R	1
RP4109	061G 1265608JY	9JR6100000874	RST CHIP ARRAY 56R 1/16W 5% 8P4R	1
RP4110	061G 1265608JY	9JR6100000874	RST CHIP ARRAY 56R 1/16W 5% 8P4R	1
RP4111	061G 1265608JY	9JR6100000874	RST CHIP ARRAY 56R 1/16W 5% 8P4R	1
TH4050	061G 56A050 WT	9JR6100000432	SMD PTC 0.5A KMC3S050RY 1206	1
TU101	094G DVB T12G	9JR9400000009	TUNER DVB-T With Analog TDTW-S810D(M)	1
U101	056G 575 14	9JR5600000174	IC Si2163 QFN-36	1
U102	056G 623904	9JR5600000188	IC TS5A3157DCKR SC70	1
U106	056G 616914	9JR5600000186	IC RC4580IPWR TSSOP8	1
U107	056G 616914	9JR5600000186	IC RC4580IPWR TSSOP8	1
U108	056G 133507	9JR5600000170	IC AS78L12RTR-G1 12V SOT-89 BCD	1
U110	056G1133913	9JR5600000107	IC M24C02-WDW6P TSSOP8	1
U401	056G 562316	9JR5600000171	IC Scaler MT5363LICG BGA-522 (H.264,CI)	1

U402	056G 615108	9JR5600000185	IC DDR2 H5PS5162FFR-G7C 512M	1
U403	056G 615108	9JR5600000185	IC DDR2 H5PS5162FFR-G7C 512M	1
U4051	705TPA56045	9JR7050000187	NAND FLASH ASSY (U4051)	1
U409	705TPA56044	9JR7050000186	Serial IIC EEPROM Assy (U409)(AUO-LG)	1
U410	056G 643 41	9JR5600000166	IC APX809-29SAG-7 SOT23	1
U411	056G 665528	9JR5600000180	IC G5250M1T1U 1A SOT23-5	1
U4150	056G 623904	9JR5600000188	IC TS5A3157DCKR SC70	1
U501	056G 623 33	9JR5600000187	IC TMDS351PAG TQFP-64	1
U502	056G1133913	9JR5600000107	IC M24C02-WDW6P TSSOP8	1
U503	056G1133913	9JR5600000107	IC M24C02-WDW6P TSSOP8	1
U504	056G1133913	9JR5600000107	IC M24C02-WDW6P TSSOP8	1
U601	056G 616 54	9JR5600000178	IC TPA3110D2 15W TSSOP-28	1
U602	056G 616 59	9JR5600000179	IC TPA6132A2RTER 25mW QFN-16	1
U701	056G 563203	9JR5600000173	IC MP2212DN SOIC8E	1
U702	056G 563203	9JR5600000173	IC MP2212DN SOIC8E	1
U703	056G 585 8	9JR5600000175	AZ1117D-ADJTRE1 TO-252-2	1
U751	056G 563129	9JR5600000090	IC AME8810-AEGTZ 0.6A/3.3V SOT-223	1
U753	056G 585 8	9JR5600000175	AZ1117D-ADJTRE1 TO-252-2	1
U754	056G 133 30AAC	9JR5600000169	AZ1117H-ADJ-E1	1
U755	056G 563964	9JR5600000059	IC SC4215HSETRT SO-8	1
X1000	093G 22S928 C	9JR9300000166	CRYSTAL 7B16000195 20P 30PPM	1
X4150	093G 22S922 C	9JR9300000126	Crystal 54Mhz 10p SMD-49	1
ZD1051	093G 39S 40 T	9JR9300000103	RLZ 13B LLDS	1
ZD1052	093G 39S 34 T	9JR9300000102	UDZSNP5.6B ROHM	1
ZD1055	093G 39S 40 T	9JR9300000103	RLZ 13B LLDS	1
ZD1056	093G 39S 34 T	9JR9300000102	UDZSNP5.6B ROHM	1
ZD1057	093G 39S 34 T	9JR9300000102	UDZSNP5.6B ROHM	1
ZD1063	093G 39S 34 T	9JR9300000102	UDZSNP5.6B ROHM	1
ZD1064	093G 39S 34 T	9JR9300000102	UDZSNP5.6B ROHM	1
ZD1065	093G 39S 34 T	9JR9300000102	UDZSNP5.6B ROHM	1
ZD1066	093G 39S 34 T	9JR9300000102	UDZSNP5.6B ROHM	1
ZD1067	093G 39S 34 T	9JR9300000102	UDZSNP5.6B ROHM	1
ZD1068	093G 39S 34 T	9JR9300000102	UDZSNP5.6B ROHM	1
ZD1150	093G 39S 34 T	9JR9300000102	UDZSNP5.6B ROHM	1
ZD1151	093G 39S 34 T	9JR9300000102	UDZSNP5.6B ROHM	1
ZD1152	093G 39S 34 T	9JR9300000102	UDZSNP5.6B ROHM	1
ZD1153	093G 39S 34 T	9JR9300000102	UDZSNP5.6B ROHM	1
ZD1154	093G 39S 34 T	9JR9300000102	UDZSNP5.6B ROHM	1
ZD1155	093G 39S 34 T	9JR9300000102	UDZSNP5.6B ROHM	1
ZD1160	093G 39S 34 T	9JR9300000102	UDZSNP5.6B ROHM	1
ZD1161	093G 39S 34 T	9JR9300000102	UDZSNP5.6B ROHM	1
ZD1162	093G 39S 34 T	9JR9300000102	UDZSNP5.6B ROHM	1
ZD1163	093G 39S 34 T	9JR9300000102	UDZSNP5.6B ROHM	1
ZD1169	093G 39S 34 T	9JR9300000102	UDZSNP5.6B ROHM	1

Model: LC_37LE320E(AUO)(E37AA2NBWLXPNS)

Item	TPV Code Number	SHARP 13NC	Description	Quantity
30	705TZA34168	9JR7050000260	BEZEL ASSY	1
41	P34T0473PAT 1T0100	9JR3400000022	REAR_COVER	1
48	705TZA34167	9JR7050000259	BASE COVER ASSY	1
54	P12T 61036	9JR1200000008	RUBBER PAD (∮ 20X2t)	8
55	P01G0022 1	9JR0100000060	SCREW(40x30L)	4
56	Q45T 99609 79	9JR4500000013	EPE COVER FOR BASE	1
57	0Q1T 130 8120	9JR0100000012	SCREW	8
58	0Q1T 940 16120	9JR0100000065	SCREW	4
60	705TZA3461A	9JR7050000146	KEY COVER ASSY	1
61	P33T0165PATA1T0100	9JR3300000082	COVER_FUNCTION	1
62	P33T0164PAT 1T0100	9JR3300000081	KEY_FUNCTION	1
63	0Q1G 330 5106	9JR0100000058	SCREW	2
80	705TZA1529A	9JR7050000191	SIDE IO ASSY	1
84	0M1T1730 6106	9JR0100000062	screW TAPPING M3X0.5X6+SW	5
85	0Q1T 930 10120	9JR0100000064	SCREW	1
90	P34T0475PAT 1T0100	9JR3400000023	BASE_NECK	1
96	705TZA1549A	9JR7050000254	BRACKET STAND ASSY	1
99	0M1T 330 6120	9JR0100000056	SCREW 42A9930014	2
100	0M1T1730 6106	9JR0100000062	screW TAPPING M3X0.5X6+SW	17
101	0D1T3440 8106	9JR0100000042	SCREW PHM4-0.7X8 TPS	1
102	0M1T1740 12120 GP	9JR0100000063	SCREW	2
104	0Q1T 940 25120	9JR0100000066	SCREW 4 x25 120=NICKEL PLATE	2
105	0Q1T 930 10120	9JR0100000064	SCREW	26
126	Z40G 37084301A	9JR4000000145	RATING LABEL	1
130	Z40G000184343A	9JR4000000157	CARTON LABEL	1
135	705TZA4106C	9JR7050000267	DFU ASSY(Western Europe)(Eastern Europe)	1
136	705TZA4107A	9JR7050000150	DFU ASSY(North Europe)	1
450	P44GL012843 1A	9JR4400000093	CARTON	1
451	P44GL012101	9JR4400000089	CUSHION_TL	1
452	P44GL012201	9JR4400000090	CUSHION_TR	1
453	P44GL012301	9JR4400000091	CUSHION_BL	1
454	P44GL012401	9JR4400000092	CUSHION_BR	1
455	P45G9901001	9JR4500000015	PE bag(520*740)	1
503	P40TD000813 9A	9JR4000000005	family sheet	1
506	P40TD00081311A	9JR4000000006	FAMILY SHEET	1
1050	750TVU370H4111N000	9JR7500000043	PANEL T370HW04 V1 TW AUO	1
1053	CBPFA4ABPA	9JR9900000095	MAIN PCB ASSY(LG TUNER)	0
1054	ADTV7078PA1	9JR9900000091	POWER PCB ASSY	1
1056	IRPFAPA4	9JR9900000059	IR PCB ASSY	1
1057	KEPFAPA1	9JR9900000060	KEY PCB ASSY	1
1058	PTPFAPA2	9JR9900000075	MEMC PCB ASSY	1
1059	PTPFAPA3	9JR9900000076	RS232 PCB ASSY	1
1172	089G204A15NLS1	9JR8900000009	POWER CORD 1.5M PE8C5Z1B90A-04B	1
1176	098GRABD2NESPJ	9JR9800000005	REMOTE CONTROL RC-SHARP-420 FOR SHARP	1
1185	078G120A 24 M	9JR7800000027	SPEAKER 16 OHM 12W 600/320mm 130X30mm	0
1185	078G120A 24 Y	9JR7800000028	SPEAKER 16 OHM 12W 600/320mm 130X30mm	1
1186	017G DW905 LY	9JR1700000002	LED MODULE LYSB-3215B	1
8401	095G801413F950	9JR9500000147	HARNESS 13P-5P+3P 750mm	0
8401	095G801413X950	9JR9500000149	HARNESS 13P-5P+3P 750mm	1
8403	095G801411F915	9JR9500000143	HARNESS 11P-7P+4P 500mm	0
8403	095G801411X915	9JR9500000145	HARNESS 11P-7P+4P 500mm	1
8406	095G801851F932	9JR9500000159	HARNESS 51P-40P 140mm	0
8406	095G801851X932	9JR9500000161	HARNESS 51P-40P 140mm	1
8407	095G801841F912	9JR9500000155	HARNESS 41P-30P 140mm	0
8407	095G801841X912	9JR9500000157	HARNESS 41P-30P 140mm	1
8408	095G801840F924	9JR9500000151	HARNESS 40P-40P 400mm	0
8408	095G801840X924	9JR9500000153	HARNESS 40P-40P 400mm	1
8413	095G8014 5F926	9JR9500000102	HARNESS 5P-5P 40mm	0
8413	095G8014 5X926	9JR9500000103	HARNESS 5P-5P 40mm	1
8901	095G8021 4F915	9JR9500000164	HARNESS AC INLET-4P 140mm 75725	1
1053	CBPFA4ABP9	9JR9900000094	MAIN PCB ASSY(Nutune TUNER)	1
C1000	067G215C4713LV	9JR6700000216	EC 470uF 20% 16V RXY 8*9	1

C1001	065G0805106A7Z Y	9JR6500000311	CAP CHIP 0805 10UF Z 10V Y5V	1
C1005	065G060327031J A	9JR6500000355	CAP CHIP 0603 27PF J 50V NPO	1
C1006	065G060327031J A	9JR6500000355	CAP CHIP 0603 27PF J 50V NPO	1
C1012	065G040247312K A	9JR6500000394	CAP CHIP 0402 47nF K 16V X7R	1
C1013	065G040247312K A	9JR6500000394	CAP CHIP 0402 47nF K 16V X7R	1
C1014	065G040247312K A	9JR6500000394	CAP CHIP 0402 47nF K 16V X7R	1
C1015	065G040247312K A	9JR6500000394	CAP CHIP 0402 47nF K 16V X7R	1
C1016	065G040239031J A	9JR6500000415	CAP CHIP 0402 39PF J 50V NPO	1
C1017	065G040239031J A	9JR6500000415	CAP CHIP 0402 39PF J 50V NPO	1
C1018	065G040233031J A	9JR6500000414	CAP 0402 33PF J 50V NPO	1
C1019	065G040233031J A	9JR6500000414	CAP 0402 33PF J 50V NPO	1
C1020	065G040222031J A	9JR6500000412	CAP 0402 22PF J 50V NPO	1
C1021	065G040222031J A	9JR6500000412	CAP 0402 22PF J 50V NPO	1
C1022	065G040233031J A	9JR6500000414	CAP 0402 33PF J 50V NPO	1
C1023	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C1024	065G060310605M Y	9JR6500000417	CAP CHIP 0603 10uF 6.3V X5R +/-20%	1
C1031	065G040210131J A	9JR6500000409	CAP 0402 100PF J 50V NPO	1
C1033	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C1034	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C1035	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C1036	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C1037	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C1038	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C1039	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C1040	065G060310605M Y	9JR6500000417	CAP CHIP 0603 10uF 6.3V X5R +/-20%	1
C1041	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C1048	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C1049	065G040210031D A	9JR6500000465	CAP CHIP 0402 10PF D 50V NPO	1
C1050	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C1051	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C1052	065G040247312K A	9JR6500000394	CAP CHIP 0402 47nF K 16V X7R	1
C1053	065G040210332K A	9JR6500000341	CAP 0402 10NF 50V X7R	1
C1054	065G040215031J A	9JR6500000411	CAP CHIP 0402 15PF J 50V NPO	1
C1055	065G040210332K A	9JR6500000341	CAP 0402 10NF 50V X7R	1
C1056	065G040215031J A	9JR6500000411	CAP CHIP 0402 15PF J 50V NPO	1
C1057	065G040215031J A	9JR6500000411	CAP CHIP 0402 15PF J 50V NPO	1
C1058	065G040210332K A	9JR6500000341	CAP 0402 10NF 50V X7R	1
C1059	065G0805106A7Z Y	9JR6500000311	CAP CHIP 0805 10UF Z 10V Y5V	1
C1060	065G0805106A7Z Y	9JR6500000311	CAP CHIP 0805 10UF Z 10V Y5V	1
C1061	065G040247312K A	9JR6500000394	CAP CHIP 0402 47nF K 16V X7R	1
C1062	065G0805106A7Z Y	9JR6500000311	CAP CHIP 0805 10UF Z 10V Y5V	1
C1063	065G0805106A7Z Y	9JR6500000311	CAP CHIP 0805 10UF Z 10V Y5V	1
C1064	065G040247031J A	9JR6500000393	CAP CHIP 0402 47PF J 50V NPO	1
C1065	065G040247312K A	9JR6500000394	CAP CHIP 0402 47nF K 16V X7R	1
C1066	065G040247031J A	9JR6500000393	CAP CHIP 0402 47PF J 50V NPO	1
C1067	065G040247031J A	9JR6500000393	CAP CHIP 0402 47PF J 50V NPO	1
C1068	065G040210332K A	9JR6500000341	CAP 0402 10NF 50V X7R	1
C1069	065G040210332K A	9JR6500000341	CAP 0402 10NF 50V X7R	1
C1070	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C1071	065G060310605M Y	9JR6500000417	CAP CHIP 0603 10uF 6.3V X5R +/-20%	1
C1072	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C1073	065G040282132K Y	9JR6500000416	CAP CHIP 0402 820P 50V X7R +/-10%	1
C1074	065G040282132K Y	9JR6500000416	CAP CHIP 0402 820P 50V X7R +/-10%	1
C1075	065G0805106A7Z Y	9JR6500000311	CAP CHIP 0805 10UF Z 10V Y5V	1
C1076	065G0805106A7Z Y	9JR6500000311	CAP CHIP 0805 10UF Z 10V Y5V	1
C1077	065G0805106A7Z Y	9JR6500000311	CAP CHIP 0805 10UF Z 10V Y5V	1
C1078	065G040210332K A	9JR6500000341	CAP 0402 10NF 50V X7R	1
C1079	065G040210332K A	9JR6500000341	CAP 0402 10NF 50V X7R	1
C1080	065G040210332K A	9JR6500000341	CAP 0402 10NF 50V X7R	1
C1081	065G040210332K A	9JR6500000341	CAP 0402 10NF 50V X7R	1
C1082	065G040247031J A	9JR6500000393	CAP CHIP 0402 47PF J 50V NPO	1
C1083	065G040247031J A	9JR6500000393	CAP CHIP 0402 47PF J 50V NPO	1
C1085	065G040247031J A	9JR6500000393	CAP CHIP 0402 47PF J 50V NPO	1
C1086	065G040247031J A	9JR6500000393	CAP CHIP 0402 47PF J 50V NPO	1
C1088	065G0805106A7Z Y	9JR6500000311	CAP CHIP 0805 10UF Z 10V Y5V	1
C1089	065G040210332K A	9JR6500000341	CAP 0402 10NF 50V X7R	1
C1090	065G040210332K A	9JR6500000341	CAP 0402 10NF 50V X7R	1

C1091	065G060322517Z Y	9JR6500000259	CAP CHIP 0603 2.2UF Z 16V Y5V	1
C1092	065G040210131J A	9JR6500000409	CAP 0402 100PF J 50V NPO	1
C1093	065G060322517Z Y	9JR6500000259	CAP CHIP 0603 2.2UF Z 16V Y5V	1
C1094	065G040210131J A	9JR6500000409	CAP 0402 100PF J 50V NPO	1
C1095	065G060310432K A	9JR6500000398	CAP CHIP 0603 100nF K 50V X7R	1
C1096	065G060322517Z Y	9JR6500000259	CAP CHIP 0603 2.2UF Z 16V Y5V	1
C1097	065G060322517Z Y	9JR6500000259	CAP CHIP 0603 2.2UF Z 16V Y5V	1
C1098	065G080547515K T	9JR6500000447	CAP CHIP 0805 4.7UF K 16V X5R	1
C1099	065G040210131J A	9JR6500000409	CAP 0402 100PF J 50V NPO	1
C1100	065G040210131J A	9JR6500000409	CAP 0402 100PF J 50V NPO	1
C1101	065G060310512K 3	9JR6500000204	MLCC 0603 CAP 1uF K 16V X7R	1
C1102	065G040282132K Y	9JR6500000416	CAP CHIP 0402 820P 50V X7R +/-10%	1
C1103	065G040282132K Y	9JR6500000416	CAP CHIP 0402 820P 50V X7R +/-10%	1
C1104	065G040210332K A	9JR6500000341	CAP 0402 10NF 50V X7R	1
C1105	065G040210332K A	9JR6500000341	CAP 0402 10NF 50V X7R	1
C1106	065G040210332K A	9JR6500000341	CAP 0402 10NF 50V X7R	1
C1107	065G040210332K A	9JR6500000341	CAP 0402 10NF 50V X7R	1
C1150	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C1151	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C1152	065G0402105A5K T	9JR6500000410	CAP CHIP 0402 1uF K 10V X5R	1
C1153	065G040215232K A	9JR6500000392	CAP CHIP 0402 1.5NF K 50V X7R	1
C1154	065G040210332K A	9JR6500000341	CAP 0402 10NF 50V X7R	1
C1155	065G040250931C Y	9JR6500000441	CAP CHIP 0402 5PF 50V NPO +/-0.25pF	1
C1156	065G040215031J A	9JR6500000411	CAP CHIP 0402 15PF J 50V NPO	1
C1157	065G040210332K A	9JR6500000341	CAP 0402 10NF 50V X7R	1
C1158	065G040250931C Y	9JR6500000441	CAP CHIP 0402 5PF 50V NPO +/-0.25pF	1
C1159	065G040210332K A	9JR6500000341	CAP 0402 10NF 50V X7R	1
C1160	065G040215031J A	9JR6500000411	CAP CHIP 0402 15PF J 50V NPO	1
C1161	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C1162	065G040215031J A	9JR6500000411	CAP CHIP 0402 15PF J 50V NPO	1
C1163	065G040210332K A	9JR6500000341	CAP 0402 10NF 50V X7R	1
C1164	065G0805106A7Z Y	9JR6500000311	CAP CHIP 0805 10UF Z 10V Y5V	1
C1165	065G0805106A7Z Y	9JR6500000311	CAP CHIP 0805 10UF Z 10V Y5V	1
C1167	065G0805106A7Z Y	9JR6500000311	CAP CHIP 0805 10UF Z 10V Y5V	1
C1168	065G0805106A7Z Y	9JR6500000311	CAP CHIP 0805 10UF Z 10V Y5V	1
C1170	065G040250931C Y	9JR6500000441	CAP CHIP 0402 5PF 50V NPO +/-0.25pF	1
C1171	065G040250931C Y	9JR6500000441	CAP CHIP 0402 5PF 50V NPO +/-0.25pF	1
C1172	065G040250931C Y	9JR6500000441	CAP CHIP 0402 5PF 50V NPO +/-0.25pF	1
C1173	065G040215232K A	9JR6500000392	CAP CHIP 0402 1.5NF K 50V X7R	1
C1174	065G0805106A7Z Y	9JR6500000311	CAP CHIP 0805 10UF Z 10V Y5V	1
C1175	065G040210332K A	9JR6500000341	CAP 0402 10NF 50V X7R	1
C1176	065G040210332K A	9JR6500000341	CAP 0402 10NF 50V X7R	1
C1178	065G040210332K A	9JR6500000341	CAP 0402 10NF 50V X7R	1
C1179	065G040210332K A	9JR6500000341	CAP 0402 10NF 50V X7R	1
C1180	065G0805106A7Z Y	9JR6500000311	CAP CHIP 0805 10UF Z 10V Y5V	1
C1181	065G0805106A7Z Y	9JR6500000311	CAP CHIP 0805 10UF Z 10V Y5V	1
C1183	065G0805106A7Z Y	9JR6500000311	CAP CHIP 0805 10UF Z 10V Y5V	1
C1185	065G040247312K A	9JR6500000394	CAP CHIP 0402 47nF K 16V X7R	1
C1187	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C1188	065G040247312K A	9JR6500000394	CAP CHIP 0402 47nF K 16V X7R	1
C1191	065G040247312K A	9JR6500000394	CAP CHIP 0402 47nF K 16V X7R	1
C1192	065G040247031J A	9JR6500000393	CAP CHIP 0402 47PF J 50V NPO	1
C1193	065G040210332K A	9JR6500000341	CAP 0402 10NF 50V X7R	1
C1194	065G040210332K A	9JR6500000341	CAP 0402 10NF 50V X7R	1
C1195	065G060333031J A	9JR6500000403	CAP 0603 33PF 50V NPO	1
C1196	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C1197	065G0805106A7Z Y	9JR6500000311	CAP CHIP 0805 10UF Z 10V Y5V	1
C4000	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4001	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4002	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4003	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4004	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4005	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4006	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4007	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4008	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4009	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1

C4010	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4011	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4012	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4013	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4014	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4015	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4016	065G0805106A5K T	9JR6500000424	CHIP 10uF 10V X5R 0805	1
C402	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C404	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4050	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4051	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4052	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4053	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4054	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4055	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4056	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4057	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4058	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4059	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C406	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4060	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4061	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4062	065G060310512K 3	9JR6500000204	MLCC 0603 CAP 1uF K 16V X7R	1
C4063	067G305M1013CB	9JR7100000091	EC 100UF 20% 16V SJ 6.3*7	1
C4064	065G0805106A7Z Y	9JR6500000311	CAP CHIP 0805 10UF Z 10V Y5V	1
C4067	065G060310512K 3	9JR6500000204	MLCC 0603 CAP 1uF K 16V X7R	1
C4068	065G060310512K 3	9JR6500000204	MLCC 0603 CAP 1uF K 16V X7R	1
C4069	065G060310512K 3	9JR6500000204	MLCC 0603 CAP 1uF K 16V X7R	1
C407	067G215H151 4C	9JR6700000218	EC 150UF 20% 25V SY 8*7	1
C4100	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4101	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4102	067G 3111013LT	9JR6700000213	EC SMD 100uF 16V VEL 6.3x5.5mm	1
C4103	067G 3111013LT	9JR6700000213	EC SMD 100uF 16V VEL 6.3x5.5mm	1
C4104	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4105	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4106	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4107	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4108	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4109	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4110	065G0805106A7Z Y	9JR6500000311	CAP CHIP 0805 10UF Z 10V Y5V	1
C4111	065G060310512K 3	9JR6500000204	MLCC 0603 CAP 1uF K 16V X7R	1
C4112	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4113	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4114	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4115	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4116	065G060310512K 3	9JR6500000204	MLCC 0603 CAP 1uF K 16V X7R	1
C4117	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4118	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4119	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4120	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4121	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4122	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4123	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4124	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4125	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4126	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4127	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4128	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4129	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4130	065G040210332K A	9JR6500000341	CAP 0402 10NF 50V X7R	1
C4150	065G060310512K 3	9JR6500000204	MLCC 0603 CAP 1uF K 16V X7R	1
C4151	065G060310512K 3	9JR6500000204	MLCC 0603 CAP 1uF K 16V X7R	1
C4152	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4154	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4156	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4157	065G060310432K A	9JR6500000398	CAP CHIP 0603 100nF K 50V X7R	1
C4158	065G060322517Z Y	9JR6500000259	CAP CHIP 0603 2.2UF Z 16V Y5V	1

C4159	065G060310432K A	9JR6500000398	CAP CHIP 0603 100nF K 50V X7R	1
C4160	065G060310432K A	9JR6500000398	CAP CHIP 0603 100nF K 50V X7R	1
C4161	065G060310432K A	9JR6500000398	CAP CHIP 0603 100nF K 50V X7R	1
C4163	065G040210031D A	9JR6500000465	CAP CHIP 0402 10PF D 50V NPO	1
C4164	065G040210031D A	9JR6500000465	CAP CHIP 0402 10PF D 50V NPO	1
C4165	065G040210232K A	9JR6500000390	CAP 0402 1NF K 50V X7R	1
C4166	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4167	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4168	065G0603475A5K T	9JR6500000421	CAP CHIP 0603 4.7UF K 10V X5R	1
C4169	065G060310605M Y	9JR6500000417	CAP CHIP 0603 10uF 6.3V X5R +/-20%	1
C4201	065G0805106A7Z Y	9JR6500000311	CAP CHIP 0805 10UF Z 10V Y5V	1
C4202	065G0805106A7Z Y	9JR6500000311	CAP CHIP 0805 10UF Z 10V Y5V	1
C4203	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4204	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4205	065G040210031D A	9JR6500000465	CAP CHIP 0402 10PF D 50V NPO	1
C4206	065G040210031D A	9JR6500000465	CAP CHIP 0402 10PF D 50V NPO	1
C4207	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C501	065G0805106A7Z Y	9JR6500000311	CAP CHIP 0805 10UF Z 10V Y5V	1
C502	065G060310512K 3	9JR6500000204	MLCC 0603 CAP 1uF K 16V X7R	1
C503	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C504	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C505	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C506	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C507	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C508	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C509	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C510	065G0603475A5K T	9JR6500000421	CAP CHIP 0603 4.7UF K 10V X5R	1
C511	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C513	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C514	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C515	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C516	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C517	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C519	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C520	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C521	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C601	065G0805106A7Z Y	9JR6500000311	CAP CHIP 0805 10UF Z 10V Y5V	1
C602	065G060310432K A	9JR6500000398	CAP CHIP 0603 100nF K 50V X7R	1
C603	065G060310432K A	9JR6500000398	CAP CHIP 0603 100nF K 50V X7R	1
C604	067G 3112214CT	9JR6700000223	EC SMD 220UF 25V HV 8*10.5	1
C605	065G060310512K 3	9JR6500000204	MLCC 0603 CAP 1uF K 16V X7R	1
C606	065G060310512K 3	9JR6500000204	MLCC 0603 CAP 1uF K 16V X7R	1
C608	065G0603225A5K T	9JR6500000419	CAP CHIP 0603 2.2uF K 10V X5R	1
C609	065G060310512K 3	9JR6500000204	MLCC 0603 CAP 1uF K 16V X7R	1
C610	065G0603225A5K T	9JR6500000419	CAP CHIP 0603 2.2uF K 10V X5R	1
C611	065G040210332K A	9JR6500000341	CAP 0402 10NF 50V X7R	1
C613	065G060310432K A	9JR6500000398	CAP CHIP 0603 100nF K 50V X7R	1
C614	065G040210232K A	9JR6500000390	CAP 0402 1NF K 50V X7R	1
C615	065G080510525K T	9JR6500000467	CAP CHIP 0805 1uF K 25V X7R	1
C616	065G060310525K 3	9JR6500000442	MLCC 0603 1uF 25V X5R +/-10%	1
C617	065G060310525K 3	9JR6500000442	MLCC 0603 1uF 25V X5R +/-10%	1
C618	065G060310432K A	9JR6500000398	CAP CHIP 0603 100nF K 50V X7R	1
C619	065G040210232K A	9JR6500000390	CAP 0402 1NF K 50V X7R	1
C620	065G080533432K A	9JR6500000425	CAP CHIP 0805 0.33uF K 50V X7R	1
C621	065G060347412K A	9JR6500000420	CAP CHIP 0603 470nF K 16V X7R	1
C622	065G060347412K A	9JR6500000420	CAP CHIP 0603 470nF K 16V X7R	1
C623	065G060347412K A	9JR6500000420	CAP CHIP 0603 470nF K 16V X7R	1
C624	065G060347412K A	9JR6500000420	CAP CHIP 0603 470nF K 16V X7R	1
C625	065G080533432K A	9JR6500000425	CAP CHIP 0805 0.33uF K 50V X7R	1
C626	065G080533432K A	9JR6500000425	CAP CHIP 0805 0.33uF K 50V X7R	1
C627	065G060322422K A	9JR6500000418	MLCC 0603 220nF 25V X7R +/-10% SAMSUNG	1
C628	065G060322422K A	9JR6500000418	MLCC 0603 220nF 25V X7R +/-10% SAMSUNG	1
C629	065G060322422K A	9JR6500000418	MLCC 0603 220nF 25V X7R +/-10% SAMSUNG	1
C630	065G060322422K A	9JR6500000418	MLCC 0603 220nF 25V X7R +/-10% SAMSUNG	1
C631	065G080533432K A	9JR6500000425	CAP CHIP 0805 0.33uF K 50V X7R	1
C632	065G040210232K A	9JR6500000390	CAP 0402 1NF K 50V X7R	1
C633	067G 3112217CT	9JR6700000215	EC SMD 220UF 20% 50V HV 10*10.5	1

C634	067G 3112217CT	9JR6700000215	EC SMD 220UF 20% 50V HV 10*10.5	1
C636	065G040210232K A	9JR6500000390	CAP 0402 1NF K 50V X7R	1
C638	065G040210232K A	9JR6500000390	CAP 0402 1NF K 50V X7R	1
C641	065G040210232K A	9JR6500000390	CAP 0402 1NF K 50V X7R	1
C642	065G0805106A7Z Y	9JR6500000311	CAP CHIP 0805 10UF Z 10V Y5V	1
C643	065G0805106A7Z Y	9JR6500000311	CAP CHIP 0805 10UF Z 10V Y5V	1
C644	065G040222232K A	9JR6500000413	CAP CHIP 0402 2.2NF K 50V X7R	1
C645	065G040222232K A	9JR6500000413	CAP CHIP 0402 2.2NF K 50V X7R	1
C646	065G040210332K A	9JR6500000341	CAP 0402 10NF 50V X7R	1
C647	065G040210332K A	9JR6500000341	CAP 0402 10NF 50V X7R	1
C702	067G215C4713LV	9JR6700000216	EC 470uF 20% 16V RXY 8*9	1
C705	065G060310512K 3	9JR6500000204	MLCC 0603 CAP 1uF K 16V X7R	1
C706	065G060310512K 3	9JR6500000204	MLCC 0603 CAP 1uF K 16V X7R	1
C707	065G060310432K A	9JR6500000398	CAP CHIP 0603 100nF K 50V X7R	1
C708	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C709	065G060310512K 3	9JR6500000204	MLCC 0603 CAP 1uF K 16V X7R	1
C711	065G060310432K A	9JR6500000398	CAP CHIP 0603 100nF K 50V X7R	1
C712	065G0805106A7Z Y	9JR6500000311	CAP CHIP 0805 10UF Z 10V Y5V	1
C713	065G1206226A5K T	9JR6500000429	CAP CHIP1206 22uF K 10V X5R	1
C714	065G1206226A5K T	9JR6500000429	CAP CHIP1206 22uF K 10V X5R	1
C715	065G060310432K A	9JR6500000398	CAP CHIP 0603 100nF K 50V X7R	1
C716	065G060310432K A	9JR6500000398	CAP CHIP 0603 100nF K 50V X7R	1
C717	065G060310432K A	9JR6500000398	CAP CHIP 0603 100nF K 50V X7R	1
C718	065G060310432K A	9JR6500000398	CAP CHIP 0603 100nF K 50V X7R	1
C719	065G1206226A5K T	9JR6500000429	CAP CHIP1206 22uF K 10V X5R	1
C720	065G060356131J A	9JR6500000360	CAP CHIP 0603 560PF J 50V NPO	1
C721	065G1206226A5K T	9JR6500000429	CAP CHIP1206 22uF K 10V X5R	1
C722	065G060356131J A	9JR6500000360	CAP CHIP 0603 560PF J 50V NPO	1
C723	065G1206226A5K T	9JR6500000429	CAP CHIP1206 22uF K 10V X5R	1
C724	065G1206226A5K T	9JR6500000429	CAP CHIP1206 22uF K 10V X5R	1
C725	065G060310512K 3	9JR6500000204	MLCC 0603 CAP 1uF K 16V X7R	1
C726	065G1206226A5K T	9JR6500000429	CAP CHIP1206 22uF K 10V X5R	1
C727	065G060310512K 3	9JR6500000204	MLCC 0603 CAP 1uF K 16V X7R	1
C728	065G1206226A5K T	9JR6500000429	CAP CHIP1206 22uF K 10V X5R	1
C729	065G120610612K T	9JR6500000427	CAP CHIP 1206 10UF K 16V X7R	1
C730	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C733	065G060310512K 3	9JR6500000204	MLCC 0603 CAP 1uF K 16V X7R	1
C734	067G215H101 4C	9JR6700000217	EC 100UF 20% 25V SY 8*7	1
C752	067G305M1013CB	9JR7100000091	EC 100UF 20% 16V SJ 6.3*7	1
C753	067G305M1013CB	9JR7100000091	EC 100UF 20% 16V SJ 6.3*7	1
C754	065G060310512K 3	9JR6500000204	MLCC 0603 CAP 1uF K 16V X7R	1
C755	065G0603475A5K T	9JR6500000421	CAP CHIP 0603 4.7UF K 10V X5R	1
C756	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C758	065G060310512K 3	9JR6500000204	MLCC 0603 CAP 1uF K 16V X7R	1
C764	065G0805106A7Z Y	9JR6500000311	CAP CHIP 0805 10UF Z 10V Y5V	1
C765	065G060310512K 3	9JR6500000204	MLCC 0603 CAP 1uF K 16V X7R	1
C766	065G060310512K 3	9JR6500000204	MLCC 0603 CAP 1uF K 16V X7R	1
C767	065G0805106A7Z Y	9JR6500000311	CAP CHIP 0805 10UF Z 10V Y5V	1
C768	065G080510615K T	9JR6500000406	CHIP 10uF 16V X5R 0805	1
C769	065G0805106A7Z Y	9JR6500000311	CAP CHIP 0805 10UF Z 10V Y5V	1
CN101	088G353A15FCSL	9JR8800000115	D-SUB 15PIN FEMALE VERTICAL SCREWED	1
CN102	088G 302 69 YG	9JR8800000099	PHONE JACK 3P GREEN 10.5mm V/T	1
CN103	088G 352 14 YG	9JR8800000102	USB CONN A TYPE SPRING	1
CN111	088G 78 13 80 YG	9JR8800000109	RCA JACK 1*5 G/BL/R/W/R V/T 10.5mm	1
CN136	088G 7813C 75 YG	9JR8800000120	RCA JACK 1*3 Y/W/R	1
CN140	088G 7813C 57 YG	9JR8800000108	RCA JACK 1*2 W/R V/T 10.5mm	1
CN151	088G 35521G YG	9JR8800000114	SCART CONN 21P V/T 10.5mm	1
CN152	088G 35521G YG	9JR8800000114	SCART CONN 21P V/T 10.5mm	1
CN159	088G 50019A VA	9JR8800000105	PCMCIA CONN 11112203	1
CN401	033G380213B Y	9JR3300000073	CONNECTOR	1
CN408	033G8033 40 X	9JR3300000063	CON. V 2*20P M 1.25 SM S1312-40SVA-1R	1
CN411	033G3802 4B Y	9JR3300000060	CONNECTOR	1
CN412	033G3802 7B Y	9JR3300000064	CONNECTOR 7P 2.0 DIP	1
CN413	033G3802 5B Y	9JR3300000079	CONNECTOR 5P 2.0	1
CN501	088G 34019H VD	9JR8800000100	HDMI HEADER 19P V/T H:13.0mm	1
CN502	088G 34019H VD	9JR8800000100	HDMI HEADER 19P V/T H:13.0mm	1
CN506	088G 34019KA1D	9JR8800000121	HDMI HEADER 19P H: 2.8mm with spring	1

CN601	033G3278 4D	9JR3300000076	2.5mm Pitch Wafer	1
CN602	088G 30211K	9JR8800000058	PHONE JACK 5PIN	1
CN603	088G 78 8A 14 YG	9JR8800000111	RCA JACK 1P BLK 10.5mm V/T	1
CN701	033G327813D	9JR3300000077	CONNECTOR	1
D1050	093G 64S900 T	9JR9300000107	DIODE BAS316 SOT-323 PHILIPS	1
D1051	093G 64S900 T	9JR9300000107	DIODE BAS316 SOT-323 PHILIPS	1
D1052	093G 64S900 T	9JR9300000107	DIODE BAS316 SOT-323 PHILIPS	1
D1053	093G 64S900 T	9JR9300000107	DIODE BAS316 SOT-323 PHILIPS	1
D1054	093G 64S900 T	9JR9300000107	DIODE BAS316 SOT-323 PHILIPS	1
D1055	093G 64S900 T	9JR9300000107	DIODE BAS316 SOT-323 PHILIPS	1
D1056	093G 64S900 T	9JR9300000107	DIODE BAS316 SOT-323 PHILIPS	1
D1057	093G 64S900 T	9JR9300000107	DIODE BAS316 SOT-323 PHILIPS	1
D1058	093G 64S900 T	9JR9300000107	DIODE BAS316 SOT-323 PHILIPS	1
D1059	093G 64S900 T	9JR9300000107	DIODE BAS316 SOT-323 PHILIPS	1
D1060	093G 64S900 T	9JR9300000107	DIODE BAS316 SOT-323 PHILIPS	1
D1061	093G 64S900 T	9JR9300000107	DIODE BAS316 SOT-323 PHILIPS	1
D1062	093G 64S900 T	9JR9300000107	DIODE BAS316 SOT-323 PHILIPS	1
D1063	093G 64S900 T	9JR9300000107	DIODE BAS316 SOT-323 PHILIPS	1
D1064	093G 64S900 T	9JR9300000107	DIODE BAS316 SOT-323 PHILIPS	1
D1065	093G 64S900 T	9JR9300000107	DIODE BAS316 SOT-323 PHILIPS	1
D1066	093G 64S900 T	9JR9300000107	DIODE BAS316 SOT-323 PHILIPS	1
D1150	093G 64S900 T	9JR9300000107	DIODE BAS316 SOT-323 PHILIPS	1
D1151	093G 64S900 T	9JR9300000107	DIODE BAS316 SOT-323 PHILIPS	1
D1152	093G 64S900 T	9JR9300000107	DIODE BAS316 SOT-323 PHILIPS	1
D1153	093G 64S900 T	9JR9300000107	DIODE BAS316 SOT-323 PHILIPS	1
D1154	093G 64S900 T	9JR9300000107	DIODE BAS316 SOT-323 PHILIPS	1
D1155	093G 64S900 T	9JR9300000107	DIODE BAS316 SOT-323 PHILIPS	1
D1156	093G 64S900 T	9JR9300000107	DIODE BAS316 SOT-323 PHILIPS	1
D1157	093G 64S900 T	9JR9300000107	DIODE BAS316 SOT-323 PHILIPS	1
D1158	093G 64S900 T	9JR9300000107	DIODE BAS316 SOT-323 PHILIPS	1
D1159	093G 64S900 T	9JR9300000107	DIODE BAS316 SOT-323 PHILIPS	1
D1160	093G 64S900 T	9JR9300000107	DIODE BAS316 SOT-323 PHILIPS	1
D1161	093G 64S900 T	9JR9300000107	DIODE BAS316 SOT-323 PHILIPS	1
D1166	093G 64S900 T	9JR9300000107	DIODE BAS316 SOT-323 PHILIPS	1
D1167	093G 64S900 T	9JR9300000107	DIODE BAS316 SOT-323 PHILIPS	1
D1170	093G 64S900 T	9JR9300000107	DIODE BAS316 SOT-323 PHILIPS	1
D1171	093G 64S900 T	9JR9300000107	DIODE BAS316 SOT-323 PHILIPS	1
D1172	093G 64S900 T	9JR9300000107	DIODE BAS316 SOT-323 PHILIPS	1
D1173	093G 64S900 T	9JR9300000107	DIODE BAS316 SOT-323 PHILIPS	1
D4050	093G 6433S	9JR9300000062	DIODE BAV99 SEMTECH	1
D4051	093G 6433S	9JR9300000062	DIODE BAV99 SEMTECH	1
D4151	093G 6433S	9JR9300000062	DIODE BAV99 SEMTECH	1
D4152	093G 6433S	9JR9300000062	DIODE BAV99 SEMTECH	1
D501	093G 64S900 T	9JR9300000107	DIODE BAS316 SOT-323 PHILIPS	1
D502	093G 64S900 T	9JR9300000107	DIODE BAS316 SOT-323 PHILIPS	1
D503	093G 64S900 T	9JR9300000107	DIODE BAS316 SOT-323 PHILIPS	1
D504	093G 64S900 T	9JR9300000107	DIODE BAS316 SOT-323 PHILIPS	1
D505	093G 64S900 T	9JR9300000107	DIODE BAS316 SOT-323 PHILIPS	1
D506	093G 64S900 T	9JR9300000107	DIODE BAS316 SOT-323 PHILIPS	1
D507	093G 64S900 T	9JR9300000107	DIODE BAS316 SOT-323 PHILIPS	1
D508	093G 64S900 T	9JR9300000107	DIODE BAS316 SOT-323 PHILIPS	1
D509	093G 64S900 T	9JR9300000107	DIODE BAS316 SOT-323 PHILIPS	1
D510	093G 64S900 T	9JR9300000107	DIODE BAS316 SOT-323 PHILIPS	1
D511	093G 60518SEM	9JR9300000183	DIODE BAT54C-HAF 300mA/30V SOT-23	1
D603	093G 64S900 T	9JR9300000107	DIODE BAS316 SOT-323 PHILIPS	1
D604	093G 64S900 T	9JR9300000107	DIODE BAS316 SOT-323 PHILIPS	1
D606	093G 64S900 T	9JR9300000107	DIODE BAS316 SOT-323 PHILIPS	1
D607	093G 64S900 T	9JR9300000107	DIODE BAS316 SOT-323 PHILIPS	1
D608	093G 64S900 T	9JR9300000107	DIODE BAS316 SOT-323 PHILIPS	1
D702	093G 60S922 T	9JR9300000167	DIODE FB340M DO-222AA	1
D703	093G 64S900 T	9JR9300000107	DIODE BAS316 SOT-323 PHILIPS	1
D704	093G 64S900 T	9JR9300000107	DIODE BAS316 SOT-323 PHILIPS	1
FB1000	071G 59A121 TA	9JR7100000031	CHIP BEAD 120R/3000mA HCB1608KF-121T30	1
FB1002	071G 59A121 TA	9JR7100000031	CHIP BEAD 120R/3000mA HCB1608KF-121T30	1
FB1003	071G 59A121 TA	9JR7100000031	CHIP BEAD 120R/3000mA HCB1608KF-121T30	1
FB1004	071G 59A121 TA	9JR7100000031	CHIP BEAD 120R/3000mA HCB1608KF-121T30	1
FB1005	071G 59A121 TA	9JR7100000031	CHIP BEAD 120R/3000mA HCB1608KF-121T30	1

FB1006	071G 56A221 TA	9JR7100000039	IND FXD 0805 EMI 100MHZ 220R R	1
FB1009	071G 59A121 TA	9JR7100000031	CHIP BEAD 120R/3000mA HCB1608KF-121T30	1
FB1011	071G 59A121 TA	9JR7100000031	CHIP BEAD 120R/3000mA HCB1608KF-121T30	1
FB1012	071G 59A121 TA	9JR7100000031	CHIP BEAD 120R/3000mA HCB1608KF-121T30	1
FB1013	071G 59A121 TA	9JR7100000031	CHIP BEAD 120R/3000mA HCB1608KF-121T30	1
FB1014	071G 59A121 TA	9JR7100000031	CHIP BEAD 120R/3000mA HCB1608KF-121T30	1
FB1017	071G 59A121 TA	9JR7100000031	CHIP BEAD 120R/3000mA HCB1608KF-121T30	1
FB1018	071G 59A121 TA	9JR7100000031	CHIP BEAD 120R/3000mA HCB1608KF-121T30	1
FB1020	071G 59A121 TA	9JR7100000031	CHIP BEAD 120R/3000mA HCB1608KF-121T30	1
FB1021	071G 59A121 TA	9JR7100000031	CHIP BEAD 120R/3000mA HCB1608KF-121T30	1
FB1022	071G 59A121 TA	9JR7100000031	CHIP BEAD 120R/3000mA HCB1608KF-121T30	1
FB1023	071G 59C600 TA	9JR7100000044	CHIP BEAD 60ohm 600mA FCM1608CF-600T06	1
FB1024	071G 59A121 TA	9JR7100000031	CHIP BEAD 120R/3000mA HCB1608KF-121T30	1
FB1025	071G 59A121 TA	9JR7100000031	CHIP BEAD 120R/3000mA HCB1608KF-121T30	1
FB1052	071G 59C800 TA	9JR7100000066	CHIP BEAD 80R 400mA FCM16008CF-800T04	1
FB1053	071G 59C800 TA	9JR7100000066	CHIP BEAD 80R 400mA FCM16008CF-800T04	1
FB1054	071G 59C800 TA	9JR7100000066	CHIP BEAD 80R 400mA FCM16008CF-800T04	1
FB1158	071G 59C800 TA	9JR7100000066	CHIP BEAD 80R 400mA FCM16008CF-800T04	1
FB1159	071G 59C800 TA	9JR7100000066	CHIP BEAD 80R 400mA FCM16008CF-800T04	1
FB1160	071G 59C800 TA	9JR7100000066	CHIP BEAD 80R 400mA FCM16008CF-800T04	1
FB1161	071G 59C800 TA	9JR7100000066	CHIP BEAD 80R 400mA FCM16008CF-800T04	1
FB1162	071G 59C800 TA	9JR7100000066	CHIP BEAD 80R 400mA FCM16008CF-800T04	1
FB1163	071G 59C800 TA	9JR7100000066	CHIP BEAD 80R 400mA FCM16008CF-800T04	1
FB1164	071G 59C800 TA	9JR7100000066	CHIP BEAD 80R 400mA FCM16008CF-800T04	1
FB1165	071G 59C800 TA	9JR7100000066	CHIP BEAD 80R 400mA FCM16008CF-800T04	1
FB1166	071G 59D121 TA	9JR7100000033	CHIP BEAD 120R/600mA FCM1608KF-121T06	1
FB1167	071G 59C601 TA	9JR7100000032	CHIP BEAD 600R/200mA FCM1608K-601T02	1
FB1168	071G 59C601 TA	9JR7100000032	CHIP BEAD 600R/200mA FCM1608K-601T02	1
FB4000	071G 59A121 TA	9JR7100000031	CHIP BEAD 120R/3000mA HCB1608KF-121T30	1
FB402	071G 59A121 TA	9JR7100000031	CHIP BEAD 120R/3000mA HCB1608KF-121T30	1
FB403	071G 59A121 TA	9JR7100000031	CHIP BEAD 120R/3000mA HCB1608KF-121T30	1
FB4057	071G 59D121 TA	9JR7100000033	CHIP BEAD 120R/600mA FCM1608KF-121T06	1
FB4058	071G 59D121 TA	9JR7100000033	CHIP BEAD 120R/600mA FCM1608KF-121T06	1
FB4060	071G 56A221 TA	9JR7100000039	IND FXD 0805 EMI 100MHZ 220R R	1
FB4100	071G 59D121 TA	9JR7100000033	CHIP BEAD 120R/600mA FCM1608KF-121T06	1
FB4151	071G 59D121 TA	9JR7100000033	CHIP BEAD 120R/600mA FCM1608KF-121T06	1
FB4152	071G 59C601 TA	9JR7100000032	CHIP BEAD 600R/200mA FCM1608K-601T02	1
FB4200	071G 56A221 TA	9JR7100000039	IND FXD 0805 EMI 100MHZ 220R R	1
FB501	071G 59C601 TA	9JR7100000032	CHIP BEAD 600R/200mA FCM1608K-601T02	1
FB502	071G 59C601 TA	9JR7100000032	CHIP BEAD 600R/200mA FCM1608K-601T02	1
FB503	071G 59C601 TA	9JR7100000032	CHIP BEAD 600R/200mA FCM1608K-601T02	1
FB504	071G 59A121 TA	9JR7100000031	CHIP BEAD 120R/3000mA HCB1608KF-121T30	1
FB505	071G 59A121 TA	9JR7100000031	CHIP BEAD 120R/3000mA HCB1608KF-121T30	1
FB601	071G 59A121 TA	9JR7100000031	CHIP BEAD 120R/3000mA HCB1608KF-121T30	1
FB605	071G 56A221 TA	9JR7100000039	IND FXD 0805 EMI 100MHZ 220R R	1
FB606	071G 56A221 TA	9JR7100000039	IND FXD 0805 EMI 100MHZ 220R R	1
FB701	071G 59A121 TA	9JR7100000031	CHIP BEAD 120R/3000mA HCB1608KF-121T30	1
FB702	071G 59A121 TA	9JR7100000031	CHIP BEAD 120R/3000mA HCB1608KF-121T30	1
FB704	071G 56A221 TA	9JR7100000039	IND FXD 0805 EMI 100MHZ 220R R	1
FB705	071G 56A221 TA	9JR7100000039	IND FXD 0805 EMI 100MHZ 220R R	1
FB706	071G 56A221 TA	9JR7100000039	IND FXD 0805 EMI 100MHZ 220R R	1
FB707	071G 56A221 TA	9JR7100000039	IND FXD 0805 EMI 100MHZ 220R R	1
FB751	071G 56A221 TA	9JR7100000039	IND FXD 0805 EMI 100MHZ 220R R	1
L1000	073G 63228 TA	9JR7300000079	CHIP INDUCTOR 1608 0.22UH +-10% 0.8R	1
L1001	073G 63228 TA	9JR7300000079	CHIP INDUCTOR 1608 0.22UH +-10% 0.8R	1
L1002	073G 63338 TA	9JR7300000080	CHIP INDUCTOR 1608 0.33UH +-10% 0.85R	1
L1003	073G 63338 TA	9JR7300000080	CHIP INDUCTOR 1608 0.33UH +-10% 0.85R	1
L1050	073G 63189 TA	9JR7300000056	CHIP INDUCTOR 1U8 10% FCI1608F-1R8K	1
L1051	073G 63189 TA	9JR7300000056	CHIP INDUCTOR 1U8 10% FCI1608F-1R8K	1
L401	073G253S901 T	9JR7300000038	SMD CHOKE 90R/400mA ACM2012-900-2P	1
L402	073G253S901 T	9JR7300000038	SMD CHOKE 90R/400mA ACM2012-900-2P	1
L4150	073G 63828 TA	9JR7300000057	CHIP INDUCROR 0U82 10% FCI1608F-R82K	1
L601	073G 259903 T	9JR7300000083	CHOKE 47uH+/-10% TSL0808RA-470K1R2-PF	1
L602	073G 259903 T	9JR7300000083	CHOKE 47uH+/-10% TSL0808RA-470K1R2-PF	1
L603	073G 259903 T	9JR7300000083	CHOKE 47uH+/-10% TSL0808RA-470K1R2-PF	1
L604	073G 259903 T	9JR7300000083	CHOKE 47uH+/-10% TSL0808RA-470K1R2-PF	1
L701	073G253SA46 T	9JR7300000098	SMD INDUCTOR 4.7uH+/-20% 26.6mohm 2.8A	1

L702	073G253SA46 T	9JR7300000098	SMD INDUCTOR 4.7uH+/-20% 26.6mohm 2.8A	1
Q1001	057G 761900 T	9JR5700000076	BC857 SOT23	1
Q1050	057G 760900	9JR5700000057	DIGITAL TR DTC623TK SMT3	1
Q1051	057G 760900	9JR5700000057	DIGITAL TR DTC623TK SMT3	1
Q1052	057G 760900	9JR5700000057	DIGITAL TR DTC623TK SMT3	1
Q1053	057G 760900	9JR5700000057	DIGITAL TR DTC623TK SMT3	1
Q1054	057G 417512	9JR5700000069	MMBT3906	1
Q1055	057G 417512	9JR5700000069	MMBT3906	1
Q1150	057G 477900 T	9JR5700000052	TRA SIG SM BC847C (KEC0) R	1
Q1151	057G 760900	9JR5700000057	DIGITAL TR DTC623TK SMT3	1
Q1152	057G 760900	9JR5700000057	DIGITAL TR DTC623TK SMT3	1
Q1153	057G 417512	9JR5700000069	MMBT3906	1
Q1154	057G 417512	9JR5700000069	MMBT3906	1
Q1155	057G 759 2	9JR5700000055	RK7002FD5T116 SOT-23 BY ROHM	1
Q1156	057G 759 2	9JR5700000055	RK7002FD5T116 SOT-23 BY ROHM	1
Q1157	057G 477900 T	9JR5700000052	TRA SIG SM BC847C (KEC0) R	1
Q401	057G 417511	9JR5700000001	MMBT3904	1
Q402	057G 417511	9JR5700000001	MMBT3904	1
Q501	057G 477900 T	9JR5700000052	TRA SIG SM BC847C (KEC0) R	1
Q502	057G 763910	9JR5700000073	FET 2SK1828 TO-236MOD	1
Q503	057G 477900 T	9JR5700000052	TRA SIG SM BC847C (KEC0) R	1
Q504	057G 477900 T	9JR5700000052	TRA SIG SM BC847C (KEC0) R	1
Q505	057G 477900 T	9JR5700000052	TRA SIG SM BC847C (KEC0) R	1
Q506	057G 477900 T	9JR5700000052	TRA SIG SM BC847C (KEC0) R	1
Q507	057G 477900 T	9JR5700000052	TRA SIG SM BC847C (KEC0) R	1
Q508	057G 763910	9JR5700000073	FET 2SK1828 TO-236MOD	1
Q601	057G 477904 T	9JR5700000053	TRA BC847BW 100mA/45V SOT-323	1
Q602	057G 761902 T	9JR5700000059	TRA BC857BW 100mA/50V SOT-323	1
Q605	057G 477900 T	9JR5700000052	TRA SIG SM BC847C (KEC0) R	1
Q701	057G 477900 T	9JR5700000052	TRA SIG SM BC847C (KEC0) R	1
Q702	057G 477900 T	9JR5700000052	TRA SIG SM BC847C (KEC0) R	1
Q703	057G 763913	9JR5700000065	MOSFET AO6415 TSOP6	1
Q704	057G 763112	9JR5700000097	MOS Si5403DC-T1-GE3 30V/6A	1
Q705	057G 477900 T	9JR5700000052	TRA SIG SM BC847C (KEC0) R	1
Q750	057G 763112	9JR5700000097	MOS Si5403DC-T1-GE3 30V/6A	1
Q751	057G 477900 T	9JR5700000052	TRA SIG SM BC847C (KEC0) R	1
R1002	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R1003	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R1005	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R1006	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R1007	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R1008	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R1010	061G0402000 JI	9JR6100000833	TEST ONLY RST 0402 0.05R MAX 1/16W TA-I	1
R1011	061G06031000FF	9JR6100000932	RST CHIPR 100 OHM +-1% 1/10W FENGHUA	1
R1012	061G06031000FF	9JR6100000932	RST CHIPR 100 OHM +-1% 1/10W FENGHUA	1
R1013	061G0402000 JI	9JR6100000833	TEST ONLY RST 0402 0.05R MAX 1/16W TA-I	1
R1017	061G0402000 JI	9JR6100000833	TEST ONLY RST 0402 0.05R MAX 1/16W TA-I	1
R1018	061G0402000 JI	9JR6100000833	TEST ONLY RST 0402 0.05R MAX 1/16W TA-I	1
R1019	061G0402102 JI	9JR6100000835	TEST ONLY RST 0402 1K 5% 1/16W TA-I	1
R1021	061G0402000 JI	9JR6100000833	TEST ONLY RST 0402 0.05R MAX 1/16W TA-I	1
R1024	061G0402104 JI	9JR6100000837	TEST ONLY RST 0402 100K 5% 1/16W TA-I	1
R1025	061G0402000 JI	9JR6100000833	TEST ONLY RST 0402 0.05R MAX 1/16W TA-I	1
R1031	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R1032	061G0402101 JI	9JR6100000834	TEST ONLY RST 0402 100R 5% 1/16W TA-I	1
R1033	061G0402101 JI	9JR6100000834	TEST ONLY RST 0402 100R 5% 1/16W TA-I	1
R1038	061G0402000 JI	9JR6100000833	TEST ONLY RST 0402 0.05R MAX 1/16W TA-I	1
R1039	061G0402000 JI	9JR6100000833	TEST ONLY RST 0402 0.05R MAX 1/16W TA-I	1
R1041	061G0603000 JI	9JR6100000931	TEST ONLY RST 0603 0.05R MAX 1/16W TA-I	1
R1042	061G0402000 JI	9JR6100000833	TEST ONLY RST 0402 0.05R MAX 1/16W TA-I	1
R1043	061G0603000 JI	9JR6100000931	TEST ONLY RST 0603 0.05R MAX 1/16W TA-I	1
R1044	061G0603000 JI	9JR6100000931	TEST ONLY RST 0603 0.05R MAX 1/16W TA-I	1
R1045	061G0402000 JI	9JR6100000833	TEST ONLY RST 0402 0.05R MAX 1/16W TA-I	1
R1046	061G0402000 JI	9JR6100000833	TEST ONLY RST 0402 0.05R MAX 1/16W TA-I	1
R1047	061G0402101 JI	9JR6100000834	TEST ONLY RST 0402 100R 5% 1/16W TA-I	1
R1048	061G0402101 JI	9JR6100000834	TEST ONLY RST 0402 100R 5% 1/16W TA-I	1
R1049	061G0603000 JI	9JR6100000931	TEST ONLY RST 0603 0.05R MAX 1/16W TA-I	1
R1050	061G0603000 JI	9JR6100000931	TEST ONLY RST 0603 0.05R MAX 1/16W TA-I	1

R1051	061G0603000 JI	9JR6100000931	TEST ONLY RST 0603 0.05R MAX 1/16W TA-I	1
R1052	061G0603000 JI	9JR6100000931	TEST ONLY RST 0603 0.05R MAX 1/16W TA-I	1
R1060	061G0402750 JI	9JR6100000930	TEST ONLY RST 0402 75R 5% 1/16W TA-I	1
R1061	061G0402750 JI	9JR6100000930	TEST ONLY RST 0402 75R 5% 1/16W TA-I	1
R1062	061G0402750 JI	9JR6100000930	TEST ONLY RST 0402 75R 5% 1/16W TA-I	1
R1063	061G0402680 JF	9JR6100000929	RST CHIPR 68 OHM +-5% 1/16W FENGHUA	1
R1064	061G0402680 JF	9JR6100000929	RST CHIPR 68 OHM +-5% 1/16W FENGHUA	1
R1065	061G0402303 JF	9JR6100000918	RST CHIP R 30Kohm 1/16W +/-5% FENGHUA	1
R1066	061G0402750 JI	9JR6100000930	TEST ONLY RST 0402 75R 5% 1/16W TA-I	1
R1067	061G0402303 JF	9JR6100000918	RST CHIP R 30Kohm 1/16W +/-5% FENGHUA	1
R1068	061G0402303 JF	9JR6100000918	RST CHIP R 30Kohm 1/16W +/-5% FENGHUA	1
R1069	061G0402303 JF	9JR6100000918	RST CHIP R 30Kohm 1/16W +/-5% FENGHUA	1
R1070	061G0402750 JI	9JR6100000930	TEST ONLY RST 0402 75R 5% 1/16W TA-I	1
R1071	061G0402000 JI	9JR6100000833	TEST ONLY RST 0402 0.05R MAX 1/16W TA-I	1
R1072	061G0402000 JI	9JR6100000833	TEST ONLY RST 0402 0.05R MAX 1/16W TA-I	1
R1073	061G0402101 JI	9JR6100000834	TEST ONLY RST 0402 100R 5% 1/16W TA-I	1
R1074	061G0402101 JI	9JR6100000834	TEST ONLY RST 0402 100R 5% 1/16W TA-I	1
R1075	061G0402000 JI	9JR6100000833	TEST ONLY RST 0402 0.05R MAX 1/16W TA-I	1
R1076	061G0402000 JI	9JR6100000833	TEST ONLY RST 0402 0.05R MAX 1/16W TA-I	1
R1077	061G06031002FI	9JR6100000848	TEST ONLY RST 0603 10K 5% 1/16W TA-I	1
R1078	061G0402000 JI	9JR6100000833	TEST ONLY RST 0402 0.05R MAX 1/16W TA-I	1
R1079	061G0402000 JI	9JR6100000833	TEST ONLY RST 0402 0.05R MAX 1/16W TA-I	1
R1080	061G0402000 JI	9JR6100000833	TEST ONLY RST 0402 0.05R MAX 1/16W TA-I	1
R1081	061G0402000 JI	9JR6100000833	TEST ONLY RST 0402 0.05R MAX 1/16W TA-I	1
R1083	061G0402102 JI	9JR6100000835	TEST ONLY RST 0402 1K 5% 1/16W TA-I	1
R1084	061G0603473 JI	9JR6100000866	TEST ONLY RST 0603 47K 5% 1/16W TA-I	1
R1085	061G0603331 JF	9JR6100000948	RST CHIPR 330OHM 1/10W FENGHUA	1
R1086	061G0402000 JI	9JR6100000833	TEST ONLY RST 0402 0.05R MAX 1/16W TA-I	1
R1087	061G0603473 JI	9JR6100000866	TEST ONLY RST 0603 47K 5% 1/16W TA-I	1
R1088	061G0603331 JF	9JR6100000948	RST CHIPR 330OHM 1/10W FENGHUA	1
R1089	061G0402102 JI	9JR6100000835	TEST ONLY RST 0402 1K 5% 1/16W TA-I	1
R1090	061G0603000 JI	9JR6100000931	TEST ONLY RST 0603 0.05R MAX 1/16W TA-I	1
R1091	061G0603473 JI	9JR6100000866	TEST ONLY RST 0603 47K 5% 1/16W TA-I	1
R1092	061G0603331 JF	9JR6100000948	RST CHIPR 330OHM 1/10W FENGHUA	1
R1093	061G0603102 JI	9JR6100000850	TEST ONLY RST 0603 1K 5% 1/16W TA-I	1
R1094	061G0402000 JI	9JR6100000833	TEST ONLY RST 0402 0.05R MAX 1/16W TA-I	1
R1095	061G0402473 JI	9JR6100000924	TEST ONLY RST 0402 47K 5% 1/16W TA-I	1
R1096	061G0603331 JF	9JR6100000948	RST CHIPR 330OHM 1/10W FENGHUA	1
R1097	061G0402102 JI	9JR6100000835	TEST ONLY RST 0402 1K 5% 1/16W TA-I	1
R1098	061G06031002FI	9JR6100000848	TEST ONLY RST 0603 10K 5% 1/16W TA-I	1
R1099	061G0402750 JI	9JR6100000930	TEST ONLY RST 0402 75R 5% 1/16W TA-I	1
R1100	061G0402000 JI	9JR6100000833	TEST ONLY RST 0402 0.05R MAX 1/16W TA-I	1
R1101	061G0402750 JI	9JR6100000930	TEST ONLY RST 0402 75R 5% 1/16W TA-I	1
R1102	061G0402000 JI	9JR6100000833	TEST ONLY RST 0402 0.05R MAX 1/16W TA-I	1
R1103	061G0603103 JI	9JR6100000851	TEST ONLY RST 0603 10K 5% 1/16W TA-I	1
R1104	061G0603103 JI	9JR6100000851	TEST ONLY RST 0603 10K 5% 1/16W TA-I	1
R1105	061G0603363 JI	9JR6100000950	RST 0603 36K 5% 1/10W TA-I	1
R1106	061G0603000 JI	9JR6100000931	TEST ONLY RST 0603 0.05R MAX 1/16W TA-I	1
R1107	061G0603103 JI	9JR6100000851	TEST ONLY RST 0603 10K 5% 1/16W TA-I	1
R1108	061G0402000 JI	9JR6100000833	TEST ONLY RST 0402 0.05R MAX 1/16W TA-I	1
R1109	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R1110	061G0603472 JI	9JR6100000865	TEST ONLY RST 0603 4.7K 5% 1/16W TA-I	1
R1111	061G0603363 JI	9JR6100000950	RST 0603 36K 5% 1/10W TA-I	1
R1112	061G0603363 JI	9JR6100000950	RST 0603 36K 5% 1/10W TA-I	1
R1113	061G0603000 JI	9JR6100000931	TEST ONLY RST 0603 0.05R MAX 1/16W TA-I	1
R1114	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R1115	061G0603000 JI	9JR6100000931	TEST ONLY RST 0603 0.05R MAX 1/16W TA-I	1
R1116	061G0603472 JI	9JR6100000865	TEST ONLY RST 0603 4.7K 5% 1/16W TA-I	1
R1117	061G0603000 JI	9JR6100000931	TEST ONLY RST 0603 0.05R MAX 1/16W TA-I	1
R1118	061G0603103 JI	9JR6100000851	TEST ONLY RST 0603 10K 5% 1/16W TA-I	1
R1119	061G0603363 JI	9JR6100000950	RST 0603 36K 5% 1/10W TA-I	1
R1121	061G0603000 JI	9JR6100000931	TEST ONLY RST 0603 0.05R MAX 1/16W TA-I	1
R1122	061G0402222 JI	9JR6100000840	TEST ONLY RST 0402 2.2K 5% 1/16W TA-I	1
R1125	061G0402222 JI	9JR6100000840	TEST ONLY RST 0402 2.2K 5% 1/16W TA-I	1
R1126	061G0402000 JI	9JR6100000833	TEST ONLY RST 0402 0.05R MAX 1/16W TA-I	1
R1127	061G0603000 JI	9JR6100000931	TEST ONLY RST 0603 0.05R MAX 1/16W TA-I	1
R1129	061G0603750 JF	9JR6100000957	RST CHIPR 75OHM +- 5% 1/10W FENGHUA	1

R1130	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R1131	061G0402513 JF	9JR6100000928	RST CHIP 51K 1/16W 5% FENGHUA	1
R1132	061G0402513 JF	9JR6100000928	RST CHIP 51K 1/16W 5% FENGHUA	1
R1133	061G0603000 JI	9JR6100000931	TEST ONLY RST 0603 0.05R MAX 1/16W TA-I	1
R1134	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R1135	061G0402680 JF	9JR6100000929	RST CHIPR 68 OHM +-5% 1/16W FENGHUA	1
R1136	061G0402101 JI	9JR6100000834	TEST ONLY RST 0402 100R 5% 1/16W TA-I	1
R1137	061G0402101 JI	9JR6100000834	TEST ONLY RST 0402 100R 5% 1/16W TA-I	1
R1138	061G0402750 JI	9JR6100000930	TEST ONLY RST 0402 75R 5% 1/16W TA-I	1
R1150	061G0603303 JF	9JR6100000946	RST CHIP R 30KOHM 1/16W +/-5% FENGHUA	1
R1151	061G0402303 JF	9JR6100000918	RST CHIP R 30Kohm 1/16W +/-5% FENGHUA	1
R1152	061G0402303 JF	9JR6100000918	RST CHIP R 30Kohm 1/16W +/-5% FENGHUA	1
R1153	061G0402303 JF	9JR6100000918	RST CHIP R 30Kohm 1/16W +/-5% FENGHUA	1
R1154	061G0402303 JF	9JR6100000918	RST CHIP R 30Kohm 1/16W +/-5% FENGHUA	1
R1155	061G0402303 JF	9JR6100000918	RST CHIP R 30Kohm 1/16W +/-5% FENGHUA	1
R1156	061G0402000 JI	9JR6100000833	TEST ONLY RST 0402 0.05R MAX 1/16W TA-I	1
R1157	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R1158	061G0402680 JF	9JR6100000929	RST CHIPR 68 OHM +-5% 1/16W FENGHUA	1
R1159	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R1160	061G0402101 JI	9JR6100000834	TEST ONLY RST 0402 100R 5% 1/16W TA-I	1
R1161	061G04025609FI	9JR6100000843	TEST ONLY RST 0402 56R 1% 1/16W TA-I	1
R1162	061G0402101 JI	9JR6100000834	TEST ONLY RST 0402 100R 5% 1/16W TA-I	1
R1163	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R1164	061G0402680 JF	9JR6100000929	RST CHIPR 68 OHM +-5% 1/16W FENGHUA	1
R1165	061G0402000 JI	9JR6100000833	TEST ONLY RST 0402 0.05R MAX 1/16W TA-I	1
R1166	061G04025609FI	9JR6100000843	TEST ONLY RST 0402 56R 1% 1/16W TA-I	1
R1167	061G0603000 JI	9JR6100000931	TEST ONLY RST 0603 0.05R MAX 1/16W TA-I	1
R1168	061G0402180 JF	9JR6100000915	RST CHIPR 18 OHM +-5% 1/16W FENGHUA	1
R1169	061G04025609FI	9JR6100000843	TEST ONLY RST 0402 56R 1% 1/16W TA-I	1
R1170	061G0402180 JF	9JR6100000915	RST CHIPR 18 OHM +-5% 1/16W FENGHUA	1
R1171	061G0402680 JF	9JR6100000929	RST CHIPR 68 OHM +-5% 1/16W FENGHUA	1
R1172	061G0402180 JF	9JR6100000915	RST CHIPR 18 OHM +-5% 1/16W FENGHUA	1
R1173	061G0402000 JI	9JR6100000833	TEST ONLY RST 0402 0.05R MAX 1/16W TA-I	1
R1174	061G0402750 JI	9JR6100000930	TEST ONLY RST 0402 75R 5% 1/16W TA-I	1
R1175	061G0402680 JF	9JR6100000929	RST CHIPR 68 OHM +-5% 1/16W FENGHUA	1
R1176	061G0402750 JI	9JR6100000930	TEST ONLY RST 0402 75R 5% 1/16W TA-I	1
R1177	061G0402000 JI	9JR6100000833	TEST ONLY RST 0402 0.05R MAX 1/16W TA-I	1
R1178	061G0402680 JF	9JR6100000929	RST CHIPR 68 OHM +-5% 1/16W FENGHUA	1
R1179	061G0402750 JI	9JR6100000930	TEST ONLY RST 0402 75R 5% 1/16W TA-I	1
R1180	061G0402680 JF	9JR6100000929	RST CHIPR 68 OHM +-5% 1/16W FENGHUA	1
R1181	061G0402101 JI	9JR6100000834	TEST ONLY RST 0402 100R 5% 1/16W TA-I	1
R1182	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R1183	061G0402101 JI	9JR6100000834	TEST ONLY RST 0402 100R 5% 1/16W TA-I	1
R1184	061G0402152 JF	9JR6100000914	RST CHIPR 1.5KOHM +-5% 1/16W FENGHUA	1
R1185	061G0402152 JF	9JR6100000914	RST CHIPR 1.5KOHM +-5% 1/16W FENGHUA	1
R1186	061G0402000 JI	9JR6100000833	TEST ONLY RST 0402 0.05R MAX 1/16W TA-I	1
R1187	061G0402750 JI	9JR6100000930	TEST ONLY RST 0402 75R 5% 1/16W TA-I	1
R1188	061G0603472 JI	9JR6100000865	TEST ONLY RST 0603 4.7K 5% 1/16W TA-I	1
R1189	061G06032400FF	9JR6100000942	RST CHIPR 240 OHM +-1% 1/10W FENGHUA	1
R1190	061G0402750 JI	9JR6100000930	TEST ONLY RST 0402 75R 5% 1/16W TA-I	1
R1191	061G0402750 JI	9JR6100000930	TEST ONLY RST 0402 75R 5% 1/16W TA-I	1
R1192	061G0402101 JI	9JR6100000834	TEST ONLY RST 0402 100R 5% 1/16W TA-I	1
R1193	061G0402101 JI	9JR6100000834	TEST ONLY RST 0402 100R 5% 1/16W TA-I	1
R1194	061G0603101 JI	9JR6100000849	TEST ONLY RST 0603 100R 5% 1/16W TA-I	1
R1195	061G0603103 JI	9JR6100000851	TEST ONLY RST 0603 10K 5% 1/16W TA-I	1
R1196	061G0603101 JI	9JR6100000849	TEST ONLY RST 0603 100R 5% 1/16W TA-I	1
R1197	061G0402750 JI	9JR6100000930	TEST ONLY RST 0402 75R 5% 1/16W TA-I	1
R1198	061G0402101 JI	9JR6100000834	TEST ONLY RST 0402 100R 5% 1/16W TA-I	1
R1199	061G0402750 JI	9JR6100000930	TEST ONLY RST 0402 75R 5% 1/16W TA-I	1
R1200	061G0402000 JI	9JR6100000833	TEST ONLY RST 0402 0.05R MAX 1/16W TA-I	1
R1201	061G0402000 JI	9JR6100000833	TEST ONLY RST 0402 0.05R MAX 1/16W TA-I	1
R1202	061G0603000 JI	9JR6100000931	TEST ONLY RST 0603 0.05R MAX 1/16W TA-I	1
R1203	061G0603473 JI	9JR6100000866	TEST ONLY RST 0603 47K 5% 1/16W TA-I	1
R1204	061G0603331 JF	9JR6100000948	RST CHIPR 330OHM 1/10W FENGHUA	1
R1205	061G0603102 JI	9JR6100000850	TEST ONLY RST 0603 1K 5% 1/16W TA-I	1
R1206	061G0402000 JI	9JR6100000833	TEST ONLY RST 0402 0.05R MAX 1/16W TA-I	1
R1207	061G0402473 JI	9JR6100000924	TEST ONLY RST 0402 47K 5% 1/16W TA-I	1

R1208	061G0603331 JF	9JR6100000948	RST CHIPR 330OHM 1/10W FENGHUA	1
R1209	061G0402102 JI	9JR6100000835	TEST ONLY RST 0402 1K 5% 1/16W TA-I	1
R1210	061G0603222 JF	9JR6100000940	RST CHIPR 2.2K OHM +-5% 1/10W FENGHUA	1
R1211	061G0603222 JF	9JR6100000940	RST CHIPR 2.2K OHM +-5% 1/10W FENGHUA	1
R1212	061G0402330 JF	9JR6100000919	RST CHIPR 33 OHM +-5% 1/16W FENGHUA	1
R4000	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R4001	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R4003	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R4004	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R4005	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R4006	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R4050	061G06035600FF	9JR6100000954	RST CHIPR 560 OHM +-1% 1/10W FENGHUA	1
R4051	061G0402000 JI	9JR6100000833	TEST ONLY RST 0402 0.05R MAX 1/16W TA-I	1
R4052	061G0402000 JI	9JR6100000833	TEST ONLY RST 0402 0.05R MAX 1/16W TA-I	1
R4056	061G0603000 JI	9JR6100000931	TEST ONLY RST 0603 0.05R MAX 1/16W TA-I	1
R4057	061G0603000 JI	9JR6100000931	TEST ONLY RST 0603 0.05R MAX 1/16W TA-I	1
R4058	061G0603000 JI	9JR6100000931	TEST ONLY RST 0603 0.05R MAX 1/16W TA-I	1
R4059	061G0603000 JI	9JR6100000931	TEST ONLY RST 0603 0.05R MAX 1/16W TA-I	1
R406	061G0603102 JI	9JR6100000850	TEST ONLY RST 0603 1K 5% 1/16W TA-I	1
R4060	061G0603000 JI	9JR6100000931	TEST ONLY RST 0603 0.05R MAX 1/16W TA-I	1
R4061	061G0603000 JI	9JR6100000931	TEST ONLY RST 0603 0.05R MAX 1/16W TA-I	1
R4062	061G0603000 JI	9JR6100000931	TEST ONLY RST 0603 0.05R MAX 1/16W TA-I	1
R4063	061G0603000 JI	9JR6100000931	TEST ONLY RST 0603 0.05R MAX 1/16W TA-I	1
R407	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R408	061G0603101 JI	9JR6100000849	TEST ONLY RST 0603 100R 5% 1/16W TA-I	1
R409	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R410	061G0603202 JI	9JR6100000938	TEST ONLY RST 0603 2K 5% 1/16W TA-I	1
R4100	061G06031001FI	9JR6100000847	TEST ONLY RST 0603 1K 1% 1/10W TA-I	1
R4101	061G06031001FI	9JR6100000847	TEST ONLY RST 0603 1K 1% 1/10W TA-I	1
R4102	061G06031001FI	9JR6100000847	TEST ONLY RST 0603 1K 1% 1/10W TA-I	1
R4103	061G06031001FI	9JR6100000847	TEST ONLY RST 0603 1K 1% 1/10W TA-I	1
R4104	061G06031001FI	9JR6100000847	TEST ONLY RST 0603 1K 1% 1/10W TA-I	1
R4105	061G06031001FI	9JR6100000847	TEST ONLY RST 0603 1K 1% 1/10W TA-I	1
R4106	061G0402101 JI	9JR6100000834	TEST ONLY RST 0402 100R 5% 1/16W TA-I	1
R4107	061G0402101 JI	9JR6100000834	TEST ONLY RST 0402 100R 5% 1/16W TA-I	1
R4108	061G0402101 JI	9JR6100000834	TEST ONLY RST 0402 100R 5% 1/16W TA-I	1
R4109	061G0402220 JI	9JR6100000839	TEST ONLY RST 0402 22R 5% 1/16W TA-I	1
R4110	061G0402220 JI	9JR6100000839	TEST ONLY RST 0402 22R 5% 1/16W TA-I	1
R4111	061G0402220 JI	9JR6100000839	TEST ONLY RST 0402 22R 5% 1/16W TA-I	1
R4112	061G0402220 JI	9JR6100000839	TEST ONLY RST 0402 22R 5% 1/16W TA-I	1
R413	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R414	061G0805103 JF	9JR6100000960	RST CHIPR 10K OHM +-5% 1/8W FENGHUA	1
R4151	061G0603000 JI	9JR6100000931	TEST ONLY RST 0603 0.05R MAX 1/16W TA-I	1
R4152	061G0603109 JF	9JR6100000933	RST CHIP 1R 1/10W 5% FENGHUA	1
R4153	061G06031001FI	9JR6100000847	TEST ONLY RST 0603 1K 1% 1/10W TA-I	1
R4154	061G06036801FF	9JR6100000956	ST CHIPR 6.8KOHM +-1% 1/10W FENGHUA	1
R4156	061G0603000 JI	9JR6100000931	TEST ONLY RST 0603 0.05R MAX 1/16W TA-I	1
R4158	061G0402331 JF	9JR6100000920	RST CHIP 330R 1/16W 5% FENGHUA	1
R4159	061G0603101 JI	9JR6100000849	TEST ONLY RST 0603 100R 5% 1/16W TA-I	1
R4160	061G0603000 JI	9JR6100000931	TEST ONLY RST 0603 0.05R MAX 1/16W TA-I	1
R4162	061G0603163 JF	9JR6100000936	RST CHIPR 16KOHM 5% 1/10W FENGHUA	1
R4163	061G0603163 JF	9JR6100000936	RST CHIPR 16KOHM 5% 1/10W FENGHUA	1
R4164	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R4165	061G0402102 JI	9JR6100000835	TEST ONLY RST 0402 1K 5% 1/16W TA-I	1
R4166	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R4167	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R4168	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R4169	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R4170	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R4171	061G04023901FI	9JR6100000921	TEST ONLY RST 0402 3.9K 1% 1/16W TA-I	1
R4172	061G06031000FF	9JR6100000932	RST CHIPR 100 OHM +-1% 1/10W FENGHUA	1
R4173	061G04023901FI	9JR6100000921	TEST ONLY RST 0402 3.9K 1% 1/16W TA-I	1
R4174	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R4175	061G06031000FF	9JR6100000932	RST CHIPR 100 OHM +-1% 1/10W FENGHUA	1
R4176	061G0402330 JF	9JR6100000919	RST CHIPR 33 OHM +-5% 1/16W FENGHUA	1
R4177	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R4179	061G0603000 JI	9JR6100000931	TEST ONLY RST 0603 0.05R MAX 1/16W TA-I	1

R418	061G0603000 JI	9JR6100000931	TEST ONLY RST 0603 0.05R MAX 1/16W TA-I	1
R4180	061G0402104 JI	9JR6100000837	TEST ONLY RST 0402 100K 5% 1/16W TA-I	1
R4181	061G0603331 JF	9JR6100000948	RST CHIPR 330OHM 1/10W FENGHUA	1
R4182	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R4183	061G0603331 JF	9JR6100000948	RST CHIPR 330OHM 1/10W FENGHUA	1
R4184	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R4185	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R4186	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R4187	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R4188	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R4189	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R419	061G0603000 JI	9JR6100000931	TEST ONLY RST 0603 0.05R MAX 1/16W TA-I	1
R4190	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R4191	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R4192	061G0402000 JI	9JR6100000833	TEST ONLY RST 0402 0.05R MAX 1/16W TA-I	1
R4194	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R4195	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R4196	061G0402471 JI	9JR6100000923	TEST ONLY RST 0402 470R 5% 1/16W TA-I	1
R4197	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R4199	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R420	061G0603000 JI	9JR6100000931	TEST ONLY RST 0603 0.05R MAX 1/16W TA-I	1
R4200	061G0603472 JI	9JR6100000865	TEST ONLY RST 0603 4.7K 5% 1/16W TA-I	1
R4201	061G0603472 JI	9JR6100000865	TEST ONLY RST 0603 4.7K 5% 1/16W TA-I	1
R4202	061G0402220 JI	9JR6100000839	TEST ONLY RST 0402 22R 5% 1/16W TA-I	1
R4203	061G0402220 JI	9JR6100000839	TEST ONLY RST 0402 22R 5% 1/16W TA-I	1
R4204	061G0402220 JI	9JR6100000839	TEST ONLY RST 0402 22R 5% 1/16W TA-I	1
R4205	061G0402220 JI	9JR6100000839	TEST ONLY RST 0402 22R 5% 1/16W TA-I	1
R4206	061G0402220 JI	9JR6100000839	TEST ONLY RST 0402 22R 5% 1/16W TA-I	1
R4207	061G0402220 JI	9JR6100000839	TEST ONLY RST 0402 22R 5% 1/16W TA-I	1
R4208	061G0402220 JI	9JR6100000839	TEST ONLY RST 0402 22R 5% 1/16W TA-I	1
R4209	061G0402220 JI	9JR6100000839	TEST ONLY RST 0402 22R 5% 1/16W TA-I	1
R4210	061G0402220 JI	9JR6100000839	TEST ONLY RST 0402 22R 5% 1/16W TA-I	1
R4211	061G0402220 JI	9JR6100000839	TEST ONLY RST 0402 22R 5% 1/16W TA-I	1
R4212	061G0402220 JI	9JR6100000839	TEST ONLY RST 0402 22R 5% 1/16W TA-I	1
R4213	061G0402220 JI	9JR6100000839	TEST ONLY RST 0402 22R 5% 1/16W TA-I	1
R4214	061G0402220 JI	9JR6100000839	TEST ONLY RST 0402 22R 5% 1/16W TA-I	1
R4215	061G0402220 JI	9JR6100000839	TEST ONLY RST 0402 22R 5% 1/16W TA-I	1
R4216	061G0402220 JI	9JR6100000839	TEST ONLY RST 0402 22R 5% 1/16W TA-I	1
R4217	061G0402220 JI	9JR6100000839	TEST ONLY RST 0402 22R 5% 1/16W TA-I	1
R4218	061G0402220 JI	9JR6100000839	TEST ONLY RST 0402 22R 5% 1/16W TA-I	1
R4219	061G0402220 JI	9JR6100000839	TEST ONLY RST 0402 22R 5% 1/16W TA-I	1
R4220	061G0402220 JI	9JR6100000839	TEST ONLY RST 0402 22R 5% 1/16W TA-I	1
R4221	061G0402220 JI	9JR6100000839	TEST ONLY RST 0402 22R 5% 1/16W TA-I	1
R4222	061G0603103 JI	9JR6100000851	TEST ONLY RST 0603 10K 5% 1/16W TA-I	1
R4223	061G0603103 JI	9JR6100000851	TEST ONLY RST 0603 10K 5% 1/16W TA-I	1
R4224	061G0603103 JI	9JR6100000851	TEST ONLY RST 0603 10K 5% 1/16W TA-I	1
R4225	061G0603103 JI	9JR6100000851	TEST ONLY RST 0603 10K 5% 1/16W TA-I	1
R4226	061G0603103 JI	9JR6100000851	TEST ONLY RST 0603 10K 5% 1/16W TA-I	1
R4227	061G0603103 JI	9JR6100000851	TEST ONLY RST 0603 10K 5% 1/16W TA-I	1
R4229	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R4230	061G0603470 JF	9JR6100000952	RST CHIPR 47OHM +-5% 1/10W FENGHUA	1
R4231	061G0603104 JI	9JR6100000852	TEST ONLY RST 0603 100K 5% 1/16W TA-I	1
R4232	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R4233	061G0603103 JI	9JR6100000851	TEST ONLY RST 0603 10K 5% 1/16W TA-I	1
R4234	061G0603470 JF	9JR6100000952	RST CHIPR 47OHM +-5% 1/10W FENGHUA	1
R501	061G0603000 JI	9JR6100000931	TEST ONLY RST 0603 0.05R MAX 1/16W TA-I	1
R502	061G0603273 JF	9JR6100000943	RST CHIPR 27KOHM 5% 1/10W FENGHUA	1
R503	061G0603000 JI	9JR6100000931	TEST ONLY RST 0603 0.05R MAX 1/16W TA-I	1
R504	061G0603000 JI	9JR6100000931	TEST ONLY RST 0603 0.05R MAX 1/16W TA-I	1
R507	061G0603103 JI	9JR6100000851	TEST ONLY RST 0603 10K 5% 1/16W TA-I	1
R508	061G0603473 JI	9JR6100000866	TEST ONLY RST 0603 47K 5% 1/16W TA-I	1
R509	061G0603473 JI	9JR6100000866	TEST ONLY RST 0603 47K 5% 1/16W TA-I	1
R510	061G0402101 JI	9JR6100000834	TEST ONLY RST 0402 100R 5% 1/16W TA-I	1
R511	061G0402101 JI	9JR6100000834	TEST ONLY RST 0402 100R 5% 1/16W TA-I	1
R512	061G0402330 JF	9JR6100000919	RST CHIPR 33 OHM +-5% 1/16W FENGHUA	1
R514	061G0402474 JF	9JR6100000925	RST CHIP 470KOHM 5% 1/16W FENGHUA	1
R515	061G0402102 JI	9JR6100000835	TEST ONLY RST 0402 1K 5% 1/16W TA-I	1

R516	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R517	061G0402102 JI	9JR6100000835	TEST ONLY RST 0402 1K 5% 1/16W TA-I	1
R518	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R519	061G0402473 JI	9JR6100000924	TEST ONLY RST 0402 47K 5% 1/16W TA-I	1
R520	061G0402473 JI	9JR6100000924	TEST ONLY RST 0402 47K 5% 1/16W TA-I	1
R521	061G0402101 JI	9JR6100000834	TEST ONLY RST 0402 100R 5% 1/16W TA-I	1
R522	061G0402101 JI	9JR6100000834	TEST ONLY RST 0402 100R 5% 1/16W TA-I	1
R524	061G0402330 JF	9JR6100000919	RST CHIPR 33 OHM +-5% 1/16W FENGHUA	1
R525	061G0402474 JF	9JR6100000925	RST CHIP 470KOHM 5% 1/16W FENGHUA	1
R526	061G0402102 JI	9JR6100000835	TEST ONLY RST 0402 1K 5% 1/16W TA-I	1
R527	061G0402102 JI	9JR6100000835	TEST ONLY RST 0402 1K 5% 1/16W TA-I	1
R528	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R529	061G0402101 JI	9JR6100000834	TEST ONLY RST 0402 100R 5% 1/16W TA-I	1
R530	061G0402101 JI	9JR6100000834	TEST ONLY RST 0402 100R 5% 1/16W TA-I	1
R531	061G0402474 JF	9JR6100000925	RST CHIP 470KOHM 5% 1/16W FENGHUA	1
R532	061G0402102 JI	9JR6100000835	TEST ONLY RST 0402 1K 5% 1/16W TA-I	1
R533	061G0402102 JI	9JR6100000835	TEST ONLY RST 0402 1K 5% 1/16W TA-I	1
R534	061G0603000 JI	9JR6100000931	TEST ONLY RST 0603 0.05R MAX 1/16W TA-I	1
R535	061G0603103 JI	9JR6100000851	TEST ONLY RST 0603 10K 5% 1/16W TA-I	1
R536	061G0603473 JI	9JR6100000866	TEST ONLY RST 0603 47K 5% 1/16W TA-I	1
R537	061G0603473 JI	9JR6100000866	TEST ONLY RST 0603 47K 5% 1/16W TA-I	1
R538	061G0402330 JF	9JR6100000919	RST CHIPR 33 OHM +-5% 1/16W FENGHUA	1
R539	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R540	061G0603472 JI	9JR6100000865	TEST ONLY RST 0603 4.7K 5% 1/16W TA-I	1
R541	061G0603472 JI	9JR6100000865	TEST ONLY RST 0603 4.7K 5% 1/16W TA-I	1
R545	061G0402101 JI	9JR6100000834	TEST ONLY RST 0402 100R 5% 1/16W TA-I	1
R546	061G06034641FI	9JR6100000951	RST 0603 4.64K 1% 1/10W TA-I	1
R547	061G0603103 JI	9JR6100000851	TEST ONLY RST 0603 10K 5% 1/16W TA-I	1
R548	061G0603103 JI	9JR6100000851	TEST ONLY RST 0603 10K 5% 1/16W TA-I	1
R549	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R550	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R562	061G06035101FF	9JR6100000953	RST CHIPR 5.1KOHM +-1% 1/10W FENGHUA	1
R564	061G0402000 JI	9JR6100000833	TEST ONLY RST 0402 0.05R MAX 1/16W TA-I	1
R565	061G0603000 JI	9JR6100000931	TEST ONLY RST 0603 0.05R MAX 1/16W TA-I	1
R566	061G0603000 JI	9JR6100000931	TEST ONLY RST 0603 0.05R MAX 1/16W TA-I	1
R567	061G0603000 JI	9JR6100000931	TEST ONLY RST 0603 0.05R MAX 1/16W TA-I	1
R568	061G0402102 JI	9JR6100000835	TEST ONLY RST 0402 1K 5% 1/16W TA-I	1
R569	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R570	061G0402101 JI	9JR6100000834	TEST ONLY RST 0402 100R 5% 1/16W TA-I	1
R601	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R604	061G0402223 JI	9JR6100000916	TEST ONLY RST 0402 22K 5% 1/16W TA-I	1
R605	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R606	061G0402104 JI	9JR6100000837	TEST ONLY RST 0402 100K 5% 1/16W TA-I	1
R607	061G0402102 JI	9JR6100000835	TEST ONLY RST 0402 1K 5% 1/16W TA-I	1
R608	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R609	061G0603100 JI	9JR6100000846	TEST ONLY RST 0603 10R 5% 1/16W TA-I	1
R611	061G0402000 JI	9JR6100000833	TEST ONLY RST 0402 0.05R MAX 1/16W TA-I	1
R612	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R613	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R614	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R615	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R617	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R618	061G0603100 JI	9JR6100000846	TEST ONLY RST 0603 10R 5% 1/16W TA-I	1
R622	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R624	061G0402473 JI	9JR6100000924	TEST ONLY RST 0402 47K 5% 1/16W TA-I	1
R627	061G0603000 JI	9JR6100000931	TEST ONLY RST 0603 0.05R MAX 1/16W TA-I	1
R628	061G0402473 JI	9JR6100000924	TEST ONLY RST 0402 47K 5% 1/16W TA-I	1
R629	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R630	061G1206100 JF	9JR6100000961	RST CHIPR 10 OHM +-5% 1/4W FENGHUA	1
R631	061G0402512 JF	9JR6100000927	RST CHIP 5K1 1/16W 5% FENGHUA	1
R632	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R634	061G0402000 JI	9JR6100000833	TEST ONLY RST 0402 0.05R MAX 1/16W TA-I	1
R637	061G04021000FI	9JR6100000913	RST 0402 100R 1% 1/16W TA-I	1
R638	061G04021000FI	9JR6100000913	RST 0402 100R 1% 1/16W TA-I	1
R639	061G0402100 JI	9JR6100000912	RST 0402 10R 5% 1/16W TA-I	1
R640	061G0402100 JI	9JR6100000912	RST 0402 10R 5% 1/16W TA-I	1
R641	061G0402100 JI	9JR6100000912	RST 0402 10R 5% 1/16W TA-I	1

R642	061G0402100 JI	9JR6100000912	RST 0402 10R 5% 1/16W TA-I	1
R643	061G0402000 JI	9JR6100000833	TEST ONLY RST 0402 0.05R MAX 1/16W TA-I	1
R644	061G0402000 JI	9JR6100000833	TEST ONLY RST 0402 0.05R MAX 1/16W TA-I	1
R647	061G04024700FF	9JR6100000922	RST CHIP 470R 1/16W 1% FENGHUA	1
R648	061G04024700FF	9JR6100000922	RST CHIP 470R 1/16W 1% FENGHUA	1
R701	061G0603223 JI	9JR6100000941	RST 0603 22K 5% 1/10W TA-I	1
R702	061G0603333 JF	9JR6100000949	RST CHIPR 33KOHM 1/10W FENGHUA	1
R703	061G0805103 JF	9JR6100000960	RST CHIPR 10K OHM +-5% 1/8W FENGHUA	1
R704	061G0402101 JI	9JR6100000834	TEST ONLY RST 0402 100R 5% 1/16W TA-I	1
R705	061G0402272 JF	9JR6100000917	RST CHIP 2K7 1/16W 5% FENGHUA	1
R707	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R708	061G0603333 JF	9JR6100000949	RST CHIPR 33KOHM 1/10W FENGHUA	1
R710	061G0402102 JI	9JR6100000835	TEST ONLY RST 0402 1K 5% 1/16W TA-I	1
R711	061G0603223 JI	9JR6100000941	RST 0603 22K 5% 1/10W TA-I	1
R712	061G0402102 JI	9JR6100000835	TEST ONLY RST 0402 1K 5% 1/16W TA-I	1
R714	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R715	061G0603000 JI	9JR6100000931	TEST ONLY RST 0603 0.05R MAX 1/16W TA-I	1
R716	061G0603000 JI	9JR6100000931	TEST ONLY RST 0603 0.05R MAX 1/16W TA-I	1
R717	061G06031200FF	9JR6100000934	RST CHIPR 120 OHM +-1% 1/10W FENGHUA	1
R718	061G06031001FI	9JR6100000847	TEST ONLY RST 0603 1K 1% 1/10W TA-I	1
R719	061G06031501FI	9JR6100000935	TEST ONLY RST 0603 1.5K 1% 1/10W TA-I	1
R720	061G06033001FI	9JR6100000944	TEST ONLY RST 0603 3K 1% 1/10W TA-I	1
R721	061G06031002FI	9JR6100000848	TEST ONLY RST 0603 10K 5% 1/16W TA-I	1
R722	061G06031002FI	9JR6100000848	TEST ONLY RST 0603 10K 5% 1/16W TA-I	1
R723	061G06033002FF	9JR6100000945	RST CHIPR 30KOHM +-1% 1/10W FENGHUA	1
R725	061G0603000 JI	9JR6100000931	TEST ONLY RST 0603 0.05R MAX 1/16W TA-I	1
R726	061G0603000 JI	9JR6100000931	TEST ONLY RST 0603 0.05R MAX 1/16W TA-I	1
R727	061G12060004JF	9JR6100000872	RST CHIPR MAX0R05 4A 1/4W FENGHUA	1
R731	061G06035609FF	9JR6100000955	RST CHIPR 56 OHM +-1% 1/10W FENGHUA	1
R750	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R752	061G0603512 JI	9JR6100000868	TEST ONLY RST 0603 5.1K 5% 1/16W TA-I	1
R753	061G12060004JF	9JR6100000872	RST CHIPR MAX0R05 4A 1/4W FENGHUA	1
R755	061G0603103 JI	9JR6100000851	TEST ONLY RST 0603 10K 5% 1/16W TA-I	1
R756	061G06031200FF	9JR6100000934	RST CHIPR 120 OHM +-1% 1/10W FENGHUA	1
R757	061G0603109 JF	9JR6100000933	RST CHIP 1R 1/10W 5% FENGHUA	1
R758	061G0603752 JI	9JR6100000959	TEST ONLY RST 0603 7.5K 5% 1/16W TA-I	1
R759	061G06032002FF	9JR6100000937	RST CHIPR 20KOHM +-1% 1/10W FENGHUA	1
R760	061G06032202FF	9JR6100000939	RST CHIPR 22KOHM +-1% 1/10W FENGHUA	1
R761	061G06034701FF	9JR6100000863	RST CHIPR 4.7KOHM +-1% 1/10W FENGHUA	1
R762	061G06031200FF	9JR6100000934	RST CHIPR 120 OHM +-1% 1/10W FENGHUA	1
R763	061G0603109 JF	9JR6100000933	RST CHIP 1R 1/10W 5% FENGHUA	1
RP1000	061G 1260008JY	9JR6100000873	RST CHIP AR 8P4R 0 OHM +-5% 1/16W	1
RP1001	061G 1260008JY	9JR6100000873	RST CHIP AR 8P4R 0 OHM +-5% 1/16W	1
RP1002	061G 1260008JY	9JR6100000873	RST CHIP AR 8P4R 0 OHM +-5% 1/16W	1
RP1003	061G 1260008JY	9JR6100000873	RST CHIP AR 8P4R 0 OHM +-5% 1/16W	1
RP4100	061G 1265608JY	9JR6100000874	RST CHIP ARRAY 56R 1/16W 5% 8P4R	1
RP4101	061G 1265608JY	9JR6100000874	RST CHIP ARRAY 56R 1/16W 5% 8P4R	1
RP4102	061G 1265608JY	9JR6100000874	RST CHIP ARRAY 56R 1/16W 5% 8P4R	1
RP4103	061G 1265608JY	9JR6100000874	RST CHIP ARRAY 56R 1/16W 5% 8P4R	1
RP4104	061G 1265608JY	9JR6100000874	RST CHIP ARRAY 56R 1/16W 5% 8P4R	1
RP4105	061G 1265608JY	9JR6100000874	RST CHIP ARRAY 56R 1/16W 5% 8P4R	1
RP4106	061G 1265608JY	9JR6100000874	RST CHIP ARRAY 56R 1/16W 5% 8P4R	1
RP4107	061G 1265608JY	9JR6100000874	RST CHIP ARRAY 56R 1/16W 5% 8P4R	1
RP4108	061G 1265608JY	9JR6100000874	RST CHIP ARRAY 56R 1/16W 5% 8P4R	1
RP4109	061G 1265608JY	9JR6100000874	RST CHIP ARRAY 56R 1/16W 5% 8P4R	1
RP4110	061G 1265608JY	9JR6100000874	RST CHIP ARRAY 56R 1/16W 5% 8P4R	1
RP4111	061G 1265608JY	9JR6100000874	RST CHIP ARRAY 56R 1/16W 5% 8P4R	1
TH4050	061G 56A050 WT	9JR6100000432	SMD PTC 0.5A KMC3S050RY 1206	1
TU102	094G DVB T10P	9JR9400000008	TUNER DVB-T With Analog FH2607	1
U101	056G 575 14	9JR5600000174	IC Si2163 QFN-36	1
U102	056G 623906	9JR5600000078	IC NLASB3157DFT2G SC-88	1
U106	056G 616 35	9JR5600000177	IC NJM4580V-TE2 SSOP8	1
U107	056G 616 35	9JR5600000177	IC NJM4580V-TE2 SSOP8	1
U108	056G 133507	9JR5600000170	IC AS78L12RTR-G1 12V SOT-89 BCD	1
U110	056G1133955	9JR5600000106	IC CAT24C02YI-GT3 TSSOP-8	1
U401	056G 562355	9JR5600000192	SCALER MT5363LYYG BGA 27*27mm	1
U402	056G 615918	9JR5600000095	IC NT5TU32M16CG-BD BGA-84	1

U403	056G 615918	9JR5600000095	IC NT5TU32M16CG-BD BGA-84	1
U4051	705TPA56093	9JR7050000246	NAND FLASH ASSY (U4051)	1
U409	705TPA56092	9JR7050000245	SERIAL IIC EEPROM ASSY (U409)(AUO-NUTUNE	1
U410	056G 643 46	9JR5600000200	IC Reset AZ809ANSTR-E1 SOT-23 2.93V	1
U411	056G 665528	9JR5600000180	IC G5250M1T1U 1A SOT23-5	1
U4150	056G 623906	9JR5600000078	IC NLASB3157DFT2G SC-88	1
U501	056G 623 33	9JR5600000187	IC TMDS351PAG TQFP-64	1
U502	056G1133955	9JR5600000106	IC CAT24C02YI-GT3 TSSOP-8	1
U503	056G1133955	9JR5600000106	IC CAT24C02YI-GT3 TSSOP-8	1
U504	056G1133955	9JR5600000106	IC CAT24C02YI-GT3 TSSOP-8	1
U601	056G 616 54	9JR5600000178	IC TPA3110D2 15W TSSOP-28	1
U602	056G 616 59	9JR5600000179	IC TPA6132A2RTER 25mW QFN-16	1
U701	056G 563203	9JR5600000173	IC MP2212DN SOIC8E	1
U702	056G 563203	9JR5600000173	IC MP2212DN SOIC8E	1
U703	056G 563152	9JR5600000091	IC G1117T43Uf TO-252	1
U751	056G 563149	9JR5600000172	IC G903T63UF 0.6A/3.3V SOT-223	1
U753	056G 563152	9JR5600000091	IC G1117T43Uf TO-252	1
U754	056G 133 30AAC	9JR5600000169	AZ1117H-ADJ-E1	1
U755	056G 563964	9JR5600000059	IC SC4215HSETRT SO-8	1
X1000	093G 22S928 C	9JR9300000166	CRYSTAL 7B16000195 20P 30PPM	1
X4150	093G 22S922 C	9JR9300000126	Crystal 54Mhz 10p SMD-49	1
ZD1051	093G 39GA28 T	9JR9300000116	ZENER DIODE RLZ13B SEMTECH	1
ZD1052	093G 39P599 T	9JR9300000117	MM3Z5V6B	1
ZD1055	093G 39GA28 T	9JR9300000116	ZENER DIODE RLZ13B SEMTECH	1
ZD1056	093G 39P599 T	9JR9300000117	MM3Z5V6B	1
ZD1057	093G 39P599 T	9JR9300000117	MM3Z5V6B	1
ZD1063	093G 39P599 T	9JR9300000117	MM3Z5V6B	1
ZD1064	093G 39P599 T	9JR9300000117	MM3Z5V6B	1
ZD1065	093G 39P599 T	9JR9300000117	MM3Z5V6B	1
ZD1066	093G 39P599 T	9JR9300000117	MM3Z5V6B	1
ZD1067	093G 39P599 T	9JR9300000117	MM3Z5V6B	1
ZD1068	093G 39P599 T	9JR9300000117	MM3Z5V6B	1
ZD1150	093G 39P599 T	9JR9300000117	MM3Z5V6B	1
ZD1151	093G 39P599 T	9JR9300000117	MM3Z5V6B	1
ZD1152	093G 39P599 T	9JR9300000117	MM3Z5V6B	1
ZD1153	093G 39P599 T	9JR9300000117	MM3Z5V6B	1
ZD1154	093G 39P599 T	9JR9300000117	MM3Z5V6B	1
ZD1155	093G 39P599 T	9JR9300000117	MM3Z5V6B	1
ZD1160	093G 39P599 T	9JR9300000117	MM3Z5V6B	1
ZD1161	093G 39P599 T	9JR9300000117	MM3Z5V6B	1
ZD1162	093G 39P599 T	9JR9300000117	MM3Z5V6B	1
ZD1163	093G 39P599 T	9JR9300000117	MM3Z5V6B	1
ZD1169	093G 39P599 T	9JR9300000117	MM3Z5V6B	1

Model: LC_42LE320E(AUO)(E42AA2NBWLXPNS)

Item	TPV Code Number	SHARP 13NC	Description	Quantity
41	P34T0468PAT 1T0100	9JR3400000020	REAR_COVER	1
52	P15T0737101	9JR1500000036	BRACKET_BASE	1
54	P12T 61036	9JR1200000008	RUBBER PAD (ϕ 20X2t)	6
55	P01G0022 1	9JR0100000060	SCREW(40x30L)	4
56	Q45T 99609 60	9JR4500000011	EPE COVER FOR BASE	1
57	0Q1T 130 8120	9JR0100000012	SCREW	6
58	0Q1T 940 16 47 CR3	9JR0100000020	SCREW	4
60	705TZA3461A	9JR7050000146	KEY COVER ASSY	1
63	0Q1G 330 5106	9JR0100000058	SCREW	2
90	P34T0470PAT 1T0100	9JR3400000021	BASE_NECK_EU	1
101	0M1T 330 6120	9JR0100000056	SCREW 42A9930014	2
102	0M1T1730 6106	9JR0100000062	screW TAPPING M3X0.5X6+SW	19
103	0D1T3440 8106	9JR0100000042	SCREW PHM4-0.7X8 TPS	2
104	0M1T1740 12120 GP	9JR0100000063	SCREW	5
106	0Q1T 930 10120	9JR0100000064	SCREW	23
126	Z40G 42084304A	9JR4000000146	RATING LABEL	1
130	Z40G000184353A	9JR4000000162	CARTON LABEL	1
135	705TZA4106C	9JR7050000267	DFU ASSY(Western Europe)(Eastern Europe)	1
136	705TZA4107A	9JR7050000150	DFU ASSY(North Europe)	1
450	P44GN024843 2A	9JR4400000098	CARTON	1
451	P44GN024101	9JR4400000094	CUSHION_TL	1
452	P44GN024201	9JR4400000095	CUSHION_TR	1
453	P44GN024301	9JR4400000096	CUSHION_BL	1
454	P44GN024401	9JR4400000097	CUSHION_BR	1
455	P45T 46023	9JR4500000008	PE BAG(1200X1000x0.72mm)	1
503	P40TD000813 9A	9JR4000000005	family sheet	1
506	P40TD00081311A	9JR4000000006	FAMILY SHEET	1
1050	750TVU420H7111N000	9JR7500000044	PANEL T420HW07 V1 TW AUO	1
1053	CBPFA4ABPC	9JR9900000097	MAIN PCB ASSY(LG TUNER)	0
1054	ADTVA8885PA1	9JR9900000092	POWER PCB ASSY	1
1056	IRPFAPA4	9JR9900000059	IR PCB ASSY	1
1057	KEPFAPA1	9JR9900000060	KEY PCB ASSY	1
1058	PTPFAPA2	9JR9900000075	MEMC PCB ASSY	1
1059	PTPFAPA3	9JR9900000076	RS232 PCB ASSY	1
1172	089G204A15NLS1	9JR8900000009	POWER CORD 1.5M PE8C5Z1B90A-04B	1
1176	098GRABD2NESPJ	9JR9800000005	REMOTE CONTROL RC-SHARP-420 FOR SHARP	1
1185	078G120A 25 M	9JR7800000029	SPEAKER 16 OHM 12W 700/400mm 130X30mm	1
1185	078G120A 25 Y	9JR7800000030	SPEAKER 16 OHM 12W 700/400mm 130X30mm	0
1186	017G DW905 LY	9JR1700000002	LED MODULE LYSB-3215B	1
8401	095G801413F963	9JR9500000148	Harness 13P-5P+3P 1000mm	1
8401	095G801413X963	9JR9500000150	Harness 13P-5P+3P 1000mm	0
8403	095G801411F917	9JR9500000144	HARNESS 11P-7P+4P 500mm	1
8403	095G801411X917	9JR9500000146	HARNESS 11P-7P+4P 500mm	0
8406	095G801851F940	9JR9500000160	HARNESS 51P-40P 290mm	1
8406	095G801851X940	9JR9500000162	HARNESS 51P-40P 290mm	0
8407	095G801841F916	9JR9500000156	HARNESS 41P-30P 260mm	1
8407	095G801841X916	9JR9500000158	HARNESS 41P-30P 260mm	0
8408	095G801840F925	9JR9500000152	HARNESS 40P-40P 290mm	1
8408	095G801840X925	9JR9500000154	HARNESS 40P-40P 290mm	0
8413	095G8014 5F926	9JR9500000102	HARNESS 5P-5P 40mm	1
8413	095G8014 5X926	9JR9500000103	HARNESS 5P-5P 40mm	0
8901	095G8021 4F916	9JR9500000165	HARNESS AC INLET-4P 180mm 75726	1
	705TZA1552A	9JR7050000255	BRACKET STAND ASSY	1
	705TZA1553A	9JR7050000256	BRACKET SIDE IO ASSY	1
	705TZA34177	9JR7050000261	BEZEL ASSY	1
	705TZA34178	9JR7050000262	BASE COVER ASSY	1
1053	CBPFA4ABPB	9JR9900000096	MAIN PCB ASSY(Nutune TUNER)	1
C1000	067G215C4713KV	9JR6700000224	LOW ESR EC 470uF 16V 8*9mm	1
C1001	065G0805106A5K T	9JR6500000424	CHIP 10uF 10V X5R 0805	1
C1005	065G060327031J A	9JR6500000355	CAP CHIP 0603 27PF J 50V NPO	1
C1006	065G060327031J A	9JR6500000355	CAP CHIP 0603 27PF J 50V NPO	1
C1012	065G040247312K A	9JR6500000394	CAP CHIP 0402 47nF K 16V X7R	1

C1013	065G040247312K A	9JR6500000394	CAP CHIP 0402 47nF K 16V X7R	1
C1014	065G040247312K A	9JR6500000394	CAP CHIP 0402 47nF K 16V X7R	1
C1015	065G040247312K A	9JR6500000394	CAP CHIP 0402 47nF K 16V X7R	1
C1016	065G040239031J A	9JR6500000415	CAP CHIP 0402 39PF J 50V NPO	1
C1017	065G040239031J A	9JR6500000415	CAP CHIP 0402 39PF J 50V NPO	1
C1018	065G040233031J A	9JR6500000414	CAP 0402 33PF J 50V NPO	1
C1019	065G040233031J A	9JR6500000414	CAP 0402 33PF J 50V NPO	1
C1020	065G040222031J A	9JR6500000412	CAP 0402 22PF J 50V NPO	1
C1021	065G040222031J A	9JR6500000412	CAP 0402 22PF J 50V NPO	1
C1022	065G040233031J A	9JR6500000414	CAP 0402 33PF J 50V NPO	1
C1023	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C1024	065G060310605M T	9JR6500000466	MLCC 0603 10UF 6.3V X5R +-20%	1
C1031	065G040210131J A	9JR6500000409	CAP 0402 100PF J 50V NPO	1
C1033	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C1034	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C1035	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C1036	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C1037	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C1038	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C1039	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C1040	065G060310605M T	9JR6500000466	MLCC 0603 10UF 6.3V X5R +-20%	1
C1041	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C1048	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C1049	065G040210031D A	9JR6500000465	CAP CHIP 0402 10PF D 50V NPO	1
C1050	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C1051	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C1052	065G040247312K A	9JR6500000394	CAP CHIP 0402 47nF K 16V X7R	1
C1053	065G040210332K A	9JR6500000341	CAP 0402 10NF 50V X7R	1
C1054	065G040215031J A	9JR6500000411	CAP CHIP 0402 15PF J 50V NPO	1
C1055	065G040210332K A	9JR6500000341	CAP 0402 10NF 50V X7R	1
C1056	065G040215031J A	9JR6500000411	CAP CHIP 0402 15PF J 50V NPO	1
C1057	065G040215031J A	9JR6500000411	CAP CHIP 0402 15PF J 50V NPO	1
C1058	065G040210332K A	9JR6500000341	CAP 0402 10NF 50V X7R	1
C1059	065G0805106A5K T	9JR6500000424	CHIP 10uF 10V X5R 0805	1
C1060	065G0805106A5K T	9JR6500000424	CHIP 10uF 10V X5R 0805	1
C1061	065G040247312K A	9JR6500000394	CAP CHIP 0402 47nF K 16V X7R	1
C1062	065G0805106A5K T	9JR6500000424	CHIP 10uF 10V X5R 0805	1
C1063	065G0805106A5K T	9JR6500000424	CHIP 10uF 10V X5R 0805	1
C1064	065G040247031J A	9JR6500000393	CAP CHIP 0402 47PF J 50V NPO	1
C1065	065G040247312K A	9JR6500000394	CAP CHIP 0402 47nF K 16V X7R	1
C1066	065G040247031J A	9JR6500000393	CAP CHIP 0402 47PF J 50V NPO	1
C1067	065G040247031J A	9JR6500000393	CAP CHIP 0402 47PF J 50V NPO	1
C1068	065G040210332K A	9JR6500000341	CAP 0402 10NF 50V X7R	1
C1069	065G040210332K A	9JR6500000341	CAP 0402 10NF 50V X7R	1
C1070	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C1071	065G060310605M T	9JR6500000466	MLCC 0603 10UF 6.3V X5R +-20%	1
C1072	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C1073	065G040282132K Y	9JR6500000416	CAP CHIP 0402 820P 50V X7R +/-10%	1
C1074	065G040282132K Y	9JR6500000416	CAP CHIP 0402 820P 50V X7R +/-10%	1
C1075	065G0805106A5K T	9JR6500000424	CHIP 10uF 10V X5R 0805	1
C1076	065G0805106A5K T	9JR6500000424	CHIP 10uF 10V X5R 0805	1
C1077	065G0805106A5K T	9JR6500000424	CHIP 10uF 10V X5R 0805	1
C1078	065G040210332K A	9JR6500000341	CAP 0402 10NF 50V X7R	1
C1079	065G040210332K A	9JR6500000341	CAP 0402 10NF 50V X7R	1
C1080	065G040210332K A	9JR6500000341	CAP 0402 10NF 50V X7R	1
C1081	065G040210332K A	9JR6500000341	CAP 0402 10NF 50V X7R	1
C1082	065G040247031J A	9JR6500000393	CAP CHIP 0402 47PF J 50V NPO	1
C1083	065G040247031J A	9JR6500000393	CAP CHIP 0402 47PF J 50V NPO	1
C1085	065G040247031J A	9JR6500000393	CAP CHIP 0402 47PF J 50V NPO	1
C1086	065G040247031J A	9JR6500000393	CAP CHIP 0402 47PF J 50V NPO	1
C1088	065G0805106A5K T	9JR6500000424	CHIP 10uF 10V X5R 0805	1
C1089	065G040210332K A	9JR6500000341	CAP 0402 10NF 50V X7R	1
C1090	065G040210332K A	9JR6500000341	CAP 0402 10NF 50V X7R	1
C1091	065G060322515K T	9JR6500000443	CAP CHIP 0603 2.2uF K 16V X5R	1
C1092	065G040210131J A	9JR6500000409	CAP 0402 100PF J 50V NPO	1
C1093	065G060322515K T	9JR6500000443	CAP CHIP 0603 2.2uF K 16V X5R	1
C1094	065G040210131J A	9JR6500000409	CAP 0402 100PF J 50V NPO	1

C1095	065G060310432K A	9JR6500000398	CAP CHIP 0603 100nF K 50V X7R	1
C1096	065G060322515K T	9JR6500000443	CAP CHIP 0603 2.2uF K 16V X5R	1
C1097	065G060322515K T	9JR6500000443	CAP CHIP 0603 2.2uF K 16V X5R	1
C1098	065G080547515K T	9JR6500000447	CAP CHIP 0805 4.7UF K 16V X5R	1
C1099	065G040210131J A	9JR6500000409	CAP 0402 100PF J 50V NPO	1
C1100	065G040210131J A	9JR6500000409	CAP 0402 100PF J 50V NPO	1
C1101	065G060310512K 3	9JR6500000204	MLCC 0603 CAP 1uF K 16V X7R	1
C1102	065G040282132K Y	9JR6500000416	CAP CHIP 0402 820P 50V X7R +/-10%	1
C1103	065G040282132K Y	9JR6500000416	CAP CHIP 0402 820P 50V X7R +/-10%	1
C1104	065G040210332K A	9JR6500000341	CAP 0402 10NF 50V X7R	1
C1105	065G040210332K A	9JR6500000341	CAP 0402 10NF 50V X7R	1
C1106	065G040210332K A	9JR6500000341	CAP 0402 10NF 50V X7R	1
C1107	065G040210332K A	9JR6500000341	CAP 0402 10NF 50V X7R	1
C1150	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C1151	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C1152	065G0402105A5K T	9JR6500000410	CAP CHIP 0402 1uF K 10V X5R	1
C1153	065G040215232K A	9JR6500000392	CAP CHIP 0402 1.5NF K 50V X7R	1
C1154	065G040210332K A	9JR6500000341	CAP 0402 10NF 50V X7R	1
C1155	065G040250931C Y	9JR6500000441	CAP CHIP 0402 5PF 50V NPO +/-0.25pF	1
C1156	065G040215031J A	9JR6500000411	CAP CHIP 0402 15PF J 50V NPO	1
C1157	065G040210332K A	9JR6500000341	CAP 0402 10NF 50V X7R	1
C1158	065G040250931C Y	9JR6500000441	CAP CHIP 0402 5PF 50V NPO +/-0.25pF	1
C1159	065G040210332K A	9JR6500000341	CAP 0402 10NF 50V X7R	1
C1160	065G040215031J A	9JR6500000411	CAP CHIP 0402 15PF J 50V NPO	1
C1161	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C1162	065G040215031J A	9JR6500000411	CAP CHIP 0402 15PF J 50V NPO	1
C1163	065G040210332K A	9JR6500000341	CAP 0402 10NF 50V X7R	1
C1164	065G0805106A5K T	9JR6500000424	CHIP 10uF 10V X5R 0805	1
C1165	065G0805106A5K T	9JR6500000424	CHIP 10uF 10V X5R 0805	1
C1167	065G0805106A5K T	9JR6500000424	CHIP 10uF 10V X5R 0805	1
C1168	065G0805106A5K T	9JR6500000424	CHIP 10uF 10V X5R 0805	1
C1170	065G040250931C Y	9JR6500000441	CAP CHIP 0402 5PF 50V NPO +/-0.25pF	1
C1171	065G040250931C Y	9JR6500000441	CAP CHIP 0402 5PF 50V NPO +/-0.25pF	1
C1172	065G040250931C Y	9JR6500000441	CAP CHIP 0402 5PF 50V NPO +/-0.25pF	1
C1173	065G040215232K A	9JR6500000392	CAP CHIP 0402 1.5NF K 50V X7R	1
C1174	065G0805106A5K T	9JR6500000424	CHIP 10uF 10V X5R 0805	1
C1175	065G040210332K A	9JR6500000341	CAP 0402 10NF 50V X7R	1
C1176	065G040210332K A	9JR6500000341	CAP 0402 10NF 50V X7R	1
C1178	065G040210332K A	9JR6500000341	CAP 0402 10NF 50V X7R	1
C1179	065G040210332K A	9JR6500000341	CAP 0402 10NF 50V X7R	1
C1180	065G0805106A5K T	9JR6500000424	CHIP 10uF 10V X5R 0805	1
C1181	065G0805106A5K T	9JR6500000424	CHIP 10uF 10V X5R 0805	1
C1183	065G0805106A5K T	9JR6500000424	CHIP 10uF 10V X5R 0805	1
C1185	065G040247312K A	9JR6500000394	CAP CHIP 0402 47nF K 16V X7R	1
C1187	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C1188	065G040247312K A	9JR6500000394	CAP CHIP 0402 47nF K 16V X7R	1
C1191	065G040247312K A	9JR6500000394	CAP CHIP 0402 47nF K 16V X7R	1
C1192	065G040247031J A	9JR6500000393	CAP CHIP 0402 47PF J 50V NPO	1
C1193	065G040210332K A	9JR6500000341	CAP 0402 10NF 50V X7R	1
C1194	065G040210332K A	9JR6500000341	CAP 0402 10NF 50V X7R	1
C1195	065G060333031J A	9JR6500000403	CAP 0603 33PF 50V NPO	1
C1196	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C1197	065G0805106A5K T	9JR6500000424	CHIP 10uF 10V X5R 0805	1
C4000	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4001	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4002	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4003	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4004	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4005	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4006	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4007	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4008	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4009	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4010	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4011	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4012	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4013	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1

C4014	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4015	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4016	065G0805106A5K T	9JR6500000424	CHIP 10uF 10V X5R 0805	1
C402	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C404	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4050	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4051	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4052	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4053	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4054	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4055	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4056	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4057	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4058	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4059	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C406	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4060	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4061	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4062	065G060310512K 3	9JR6500000204	MLCC 0603 CAP 1uF K 16V X7R	1
C4063	067G305M1013CB	9JR7100000091	EC 100UF 20% 16V SJ 6.3*7	1
C4064	065G0805106A5K T	9JR6500000424	CHIP 10uF 10V X5R 0805	1
C4067	065G060310512K 3	9JR6500000204	MLCC 0603 CAP 1uF K 16V X7R	1
C4068	065G060310512K 3	9JR6500000204	MLCC 0603 CAP 1uF K 16V X7R	1
C4069	065G060310512K 3	9JR6500000204	MLCC 0603 CAP 1uF K 16V X7R	1
C407	067G215H151 4C	9JR6700000218	EC 150UF 20% 25V SY 8*7	1
C4100	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4101	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4102	067G 3111013LT	9JR6700000213	EC SMD 100uF 16V VEL 6.3x5.5mm	1
C4103	067G 3111013LT	9JR6700000213	EC SMD 100uF 16V VEL 6.3x5.5mm	1
C4104	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4105	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4106	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4107	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4108	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4109	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4110	065G0805106A5K T	9JR6500000424	CHIP 10uF 10V X5R 0805	1
C4111	065G060310512K 3	9JR6500000204	MLCC 0603 CAP 1uF K 16V X7R	1
C4112	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4113	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4114	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4115	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4116	065G060310512K 3	9JR6500000204	MLCC 0603 CAP 1uF K 16V X7R	1
C4117	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4118	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4119	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4120	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4121	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4122	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4123	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4124	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4125	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4126	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4127	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4128	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4129	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4130	065G040210332K A	9JR6500000341	CAP 0402 10NF 50V X7R	1
C4150	065G060310512K 3	9JR6500000204	MLCC 0603 CAP 1uF K 16V X7R	1
C4151	065G060310512K 3	9JR6500000204	MLCC 0603 CAP 1uF K 16V X7R	1
C4152	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4154	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4156	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4157	065G060310432K A	9JR6500000398	CAP CHIP 0603 100nF K 50V X7R	1
C4158	065G060322515K T	9JR6500000443	CAP CHIP 0603 2.2uF K 16V X5R	1
C4159	065G060310432K A	9JR6500000398	CAP CHIP 0603 100nF K 50V X7R	1
C4160	065G060310432K A	9JR6500000398	CAP CHIP 0603 100nF K 50V X7R	1
C4161	065G060310432K A	9JR6500000398	CAP CHIP 0603 100nF K 50V X7R	1
C4163	065G040210031D A	9JR6500000465	CAP CHIP 0402 10PF D 50V NPO	1

C4164	065G040210031D A	9JR6500000465	CAP CHIP 0402 10PF D 50V NPO	1
C4165	065G040210232K A	9JR6500000390	CAP 0402 1NF K 50V X7R	1
C4166	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4167	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4168	065G0603475A5K T	9JR6500000421	CAP CHIP 0603 4.7UF K 10V X5R	1
C4169	065G060310605M T	9JR6500000466	MLCC 0603 10UF 6.3V X5R +-20%	1
C4201	065G0805106A5K T	9JR6500000424	CHIP 10uF 10V X5R 0805	1
C4202	065G0805106A5K T	9JR6500000424	CHIP 10uF 10V X5R 0805	1
C4203	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4204	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4205	065G040210031D A	9JR6500000465	CAP CHIP 0402 10PF D 50V NPO	1
C4206	065G040210031D A	9JR6500000465	CAP CHIP 0402 10PF D 50V NPO	1
C4207	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C501	065G0805106A5K T	9JR6500000424	CHIP 10uF 10V X5R 0805	1
C502	065G060310512K 3	9JR6500000204	MLCC 0603 CAP 1uF K 16V X7R	1
C503	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C504	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C505	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C506	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C507	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C508	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C509	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C510	065G0603475A5K T	9JR6500000421	CAP CHIP 0603 4.7UF K 10V X5R	1
C511	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C513	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C514	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C515	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C516	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C517	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C519	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C520	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C521	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C601	065G0805106A5K T	9JR6500000424	CHIP 10uF 10V X5R 0805	1
C602	065G060310432K A	9JR6500000398	CAP CHIP 0603 100nF K 50V X7R	1
C603	065G060310432K A	9JR6500000398	CAP CHIP 0603 100nF K 50V X7R	1
C604	067G 3112214CT	9JR6700000223	EC SMD 220UF 25V HV 8*10.5	1
C605	065G060310512K 3	9JR6500000204	MLCC 0603 CAP 1uF K 16V X7R	1
C606	065G060310512K 3	9JR6500000204	MLCC 0603 CAP 1uF K 16V X7R	1
C608	065G0603225A5K T	9JR6500000419	CAP CHIP 0603 2.2uF K 10V X5R	1
C609	065G060310512K 3	9JR6500000204	MLCC 0603 CAP 1uF K 16V X7R	1
C610	065G0603225A5K T	9JR6500000419	CAP CHIP 0603 2.2uF K 10V X5R	1
C611	065G040210332K A	9JR6500000341	CAP 0402 10NF 50V X7R	1
C613	065G060310432K A	9JR6500000398	CAP CHIP 0603 100nF K 50V X7R	1
C614	065G040210232K A	9JR6500000390	CAP 0402 1NF K 50V X7R	1
C615	065G080510525K T	9JR6500000467	CAP CHIP 0805 1uF K 25V X7R	1
C616	065G060310525K 3	9JR6500000442	MLCC 0603 1uF 25V X5R +/-10%	1
C617	065G060310525K 3	9JR6500000442	MLCC 0603 1uF 25V X5R +/-10%	1
C618	065G060310432K A	9JR6500000398	CAP CHIP 0603 100nF K 50V X7R	1
C619	065G040210232K A	9JR6500000390	CAP 0402 1NF K 50V X7R	1
C620	065G080533432K A	9JR6500000425	CAP CHIP 0805 0.33uF K 50V X7R	1
C621	065G060347412K A	9JR6500000420	CAP CHIP 0603 470nF K 16V X7R	1
C622	065G060347412K A	9JR6500000420	CAP CHIP 0603 470nF K 16V X7R	1
C623	065G060347412K A	9JR6500000420	CAP CHIP 0603 470nF K 16V X7R	1
C624	065G060347412K A	9JR6500000420	CAP CHIP 0603 470nF K 16V X7R	1
C625	065G080533432K A	9JR6500000425	CAP CHIP 0805 0.33uF K 50V X7R	1
C626	065G080533432K A	9JR6500000425	CAP CHIP 0805 0.33uF K 50V X7R	1
C627	065G060322422K A	9JR6500000418	MLCC 0603 220nF 25V X7R +/-10% SAMSUNG	1
C628	065G060322422K A	9JR6500000418	MLCC 0603 220nF 25V X7R +/-10% SAMSUNG	1
C629	065G060322422K A	9JR6500000418	MLCC 0603 220nF 25V X7R +/-10% SAMSUNG	1
C630	065G060322422K A	9JR6500000418	MLCC 0603 220nF 25V X7R +/-10% SAMSUNG	1
C631	065G080533432K A	9JR6500000425	CAP CHIP 0805 0.33uF K 50V X7R	1
C632	065G040210232K A	9JR6500000390	CAP 0402 1NF K 50V X7R	1
C633	067G 3112217CT	9JR6700000215	EC SMD 220UF 20% 50V HV 10*10.5	1
C634	067G 3112217CT	9JR6700000215	EC SMD 220UF 20% 50V HV 10*10.5	1
C636	065G040210232K A	9JR6500000390	CAP 0402 1NF K 50V X7R	1
C638	065G040210232K A	9JR6500000390	CAP 0402 1NF K 50V X7R	1
C641	065G040210232K A	9JR6500000390	CAP 0402 1NF K 50V X7R	1

C642	065G0805106A5K T	9JR6500000424	CHIP 10uF 10V X5R 0805	1
C643	065G0805106A5K T	9JR6500000424	CHIP 10uF 10V X5R 0805	1
C644	065G040222232K A	9JR6500000413	CAP CHIP 0402 2.2NF K 50V X7R	1
C645	065G040222232K A	9JR6500000413	CAP CHIP 0402 2.2NF K 50V X7R	1
C646	065G040210332K A	9JR6500000341	CAP 0402 10NF 50V X7R	1
C647	065G040210332K A	9JR6500000341	CAP 0402 10NF 50V X7R	1
C702	067G215C4713KV	9JR6700000224	LOW ESR EC 470uF 16V 8*9mm	1
C705	065G060310512K 3	9JR6500000204	MLCC 0603 CAP 1uF K 16V X7R	1
C706	065G060310512K 3	9JR6500000204	MLCC 0603 CAP 1uF K 16V X7R	1
C707	065G060310432K A	9JR6500000398	CAP CHIP 0603 100nF K 50V X7R	1
C708	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C709	065G060310512K 3	9JR6500000204	MLCC 0603 CAP 1uF K 16V X7R	1
C711	065G060310432K A	9JR6500000398	CAP CHIP 0603 100nF K 50V X7R	1
C712	065G0805106A5K T	9JR6500000424	CHIP 10uF 10V X5R 0805	1
C713	065G1206226A5K T	9JR6500000429	CAP CHIP1206 22uF K 10V X5R	1
C714	065G1206226A5K T	9JR6500000429	CAP CHIP1206 22uF K 10V X5R	1
C715	065G060310432K A	9JR6500000398	CAP CHIP 0603 100nF K 50V X7R	1
C716	065G060310432K A	9JR6500000398	CAP CHIP 0603 100nF K 50V X7R	1
C717	065G060310432K A	9JR6500000398	CAP CHIP 0603 100nF K 50V X7R	1
C718	065G060310432K A	9JR6500000398	CAP CHIP 0603 100nF K 50V X7R	1
C719	065G1206226A5K T	9JR6500000429	CAP CHIP1206 22uF K 10V X5R	1
C720	065G060356131J A	9JR6500000360	CAP CHIP 0603 560PF J 50V NPO	1
C721	065G1206226A5K T	9JR6500000429	CAP CHIP1206 22uF K 10V X5R	1
C722	065G060356131J A	9JR6500000360	CAP CHIP 0603 560PF J 50V NPO	1
C723	065G1206226A5K T	9JR6500000429	CAP CHIP1206 22uF K 10V X5R	1
C724	065G1206226A5K T	9JR6500000429	CAP CHIP1206 22uF K 10V X5R	1
C725	065G060310512K 3	9JR6500000204	MLCC 0603 CAP 1uF K 16V X7R	1
C726	065G1206226A5K T	9JR6500000429	CAP CHIP1206 22uF K 10V X5R	1
C727	065G060310512K 3	9JR6500000204	MLCC 0603 CAP 1uF K 16V X7R	1
C728	065G1206226A5K T	9JR6500000429	CAP CHIP1206 22uF K 10V X5R	1
C729	065G120610612K T	9JR6500000427	CAP CHIP 1206 10UF K 16V X7R	1
C730	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C733	065G060310512K 3	9JR6500000204	MLCC 0603 CAP 1uF K 16V X7R	1
C734	067G215H101 4C	9JR6700000217	EC 100UF 20% 25V SY 8*7	1
C752	067G305M1013CB	9JR7100000091	EC 100UF 20% 16V SJ 6.3*7	1
C753	067G305M1013CB	9JR7100000091	EC 100UF 20% 16V SJ 6.3*7	1
C754	065G060310512K 3	9JR6500000204	MLCC 0603 CAP 1uF K 16V X7R	1
C755	065G0603475A5K T	9JR6500000421	CAP CHIP 0603 4.7UF K 10V X5R	1
C756	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C758	065G060310512K 3	9JR6500000204	MLCC 0603 CAP 1uF K 16V X7R	1
C764	065G0805106A5K T	9JR6500000424	CHIP 10uF 10V X5R 0805	1
C765	065G060310512K 3	9JR6500000204	MLCC 0603 CAP 1uF K 16V X7R	1
C766	065G060310512K 3	9JR6500000204	MLCC 0603 CAP 1uF K 16V X7R	1
C767	065G0805106A5K T	9JR6500000424	CHIP 10uF 10V X5R 0805	1
C768	065G080510615K T	9JR6500000406	CHIP 10uF 16V X5R 0805	1
C769	065G0805106A5K T	9JR6500000424	CHIP 10uF 10V X5R 0805	1
CN101	088G353A15FCSL	9JR8800000115	D-SUB 15PIN FEMALE VERTICAL SCREWED	1
CN102	088G 30269C	9JR8800000092	PHONE JACK 3.5mm 3P GREEN V/T 10.5mm	1
CN103	088G 352 14 YG	9JR8800000102	USB CONN A TYPE SPRING	1
CN111	088G 78 13 80 YG	9JR8800000109	RCA JACK 1*5 G/BL/R/W/R V/T 10.5mm	1
CN136	088G 7813C75C	9JR8800000098	RCA JACK 1*3 Y/W/R	1
CN140	088G 7813C 57 YG	9JR8800000108	RCA JACK 1*2 W/R V/T 10.5mm	1
CN151	088G 35521G YG	9JR8800000114	SCART CONN 21P V/T 10.5mm	1
CN152	088G 35521G YG	9JR8800000114	SCART CONN 21P V/T 10.5mm	1
CN159	088G 50019A VA	9JR8800000105	PCMCIA CONN 11112203	1
CN401	033G380213B Y	9JR3300000073	CONNECTOR	1
CN408	033G8033 40 X	9JR3300000063	CON. V 2*20P M 1.25 SM S1312-40SVA-1R	1
CN411	033G3802 4B Y	9JR3300000060	CONNECTOR	1
CN412	033G3802 7B Y	9JR3300000064	CONNECTOR 7P 2.0 DIP	1
CN413	033G3802 5B Y	9JR3300000079	CONNECTOR 5P 2.0	1
CN501	088G 34019H VD	9JR8800000100	HDMI HEADER 19P V/T H:13.0mm	1
CN502	088G 34019H VD	9JR8800000100	HDMI HEADER 19P V/T H:13.0mm	1
CN506	088G 34019KA1V	9JR8800000113	HDMI HEADER 19P H: 2.8mm with spring	1
CN601	033G3278 4D	9JR3300000076	2.5mm Pitch Wafer	1
CN602	088G 30211K	9JR8800000058	PHONE JACK 5PIN	1
CN603	088G 78 8A 14 YG	9JR8800000111	RCA JACK 1P BLK 10.5mm V/T	1
CN701	033G327813D	9JR3300000077	CONNECTOR	1

D1050	093G 64S900 T	9JR9300000107	DIODE BAS316 SOT-323 PHILIPS	1
D1051	093G 64S900 T	9JR9300000107	DIODE BAS316 SOT-323 PHILIPS	1
D1052	093G 64S900 T	9JR9300000107	DIODE BAS316 SOT-323 PHILIPS	1
D1053	093G 64S900 T	9JR9300000107	DIODE BAS316 SOT-323 PHILIPS	1
D1054	093G 64S900 T	9JR9300000107	DIODE BAS316 SOT-323 PHILIPS	1
D1055	093G 64S900 T	9JR9300000107	DIODE BAS316 SOT-323 PHILIPS	1
D1056	093G 64S900 T	9JR9300000107	DIODE BAS316 SOT-323 PHILIPS	1
D1057	093G 64S900 T	9JR9300000107	DIODE BAS316 SOT-323 PHILIPS	1
D1058	093G 64S900 T	9JR9300000107	DIODE BAS316 SOT-323 PHILIPS	1
D1059	093G 64S900 T	9JR9300000107	DIODE BAS316 SOT-323 PHILIPS	1
D1060	093G 64S900 T	9JR9300000107	DIODE BAS316 SOT-323 PHILIPS	1
D1061	093G 64S900 T	9JR9300000107	DIODE BAS316 SOT-323 PHILIPS	1
D1062	093G 64S900 T	9JR9300000107	DIODE BAS316 SOT-323 PHILIPS	1
D1063	093G 64S900 T	9JR9300000107	DIODE BAS316 SOT-323 PHILIPS	1
D1064	093G 64S900 T	9JR9300000107	DIODE BAS316 SOT-323 PHILIPS	1
D1065	093G 64S900 T	9JR9300000107	DIODE BAS316 SOT-323 PHILIPS	1
D1066	093G 64S900 T	9JR9300000107	DIODE BAS316 SOT-323 PHILIPS	1
D1150	093G 64S900 T	9JR9300000107	DIODE BAS316 SOT-323 PHILIPS	1
D1151	093G 64S900 T	9JR9300000107	DIODE BAS316 SOT-323 PHILIPS	1
D1152	093G 64S900 T	9JR9300000107	DIODE BAS316 SOT-323 PHILIPS	1
D1153	093G 64S900 T	9JR9300000107	DIODE BAS316 SOT-323 PHILIPS	1
D1154	093G 64S900 T	9JR9300000107	DIODE BAS316 SOT-323 PHILIPS	1
D1155	093G 64S900 T	9JR9300000107	DIODE BAS316 SOT-323 PHILIPS	1
D1156	093G 64S900 T	9JR9300000107	DIODE BAS316 SOT-323 PHILIPS	1
D1157	093G 64S900 T	9JR9300000107	DIODE BAS316 SOT-323 PHILIPS	1
D1158	093G 64S900 T	9JR9300000107	DIODE BAS316 SOT-323 PHILIPS	1
D1159	093G 64S900 T	9JR9300000107	DIODE BAS316 SOT-323 PHILIPS	1
D1160	093G 64S900 T	9JR9300000107	DIODE BAS316 SOT-323 PHILIPS	1
D1161	093G 64S900 T	9JR9300000107	DIODE BAS316 SOT-323 PHILIPS	1
D1166	093G 64S900 T	9JR9300000107	DIODE BAS316 SOT-323 PHILIPS	1
D1167	093G 64S900 T	9JR9300000107	DIODE BAS316 SOT-323 PHILIPS	1
D1170	093G 64S900 T	9JR9300000107	DIODE BAS316 SOT-323 PHILIPS	1
D1171	093G 64S900 T	9JR9300000107	DIODE BAS316 SOT-323 PHILIPS	1
D1172	093G 64S900 T	9JR9300000107	DIODE BAS316 SOT-323 PHILIPS	1
D1173	093G 64S900 T	9JR9300000107	DIODE BAS316 SOT-323 PHILIPS	1
D4050	093G 6433S	9JR9300000062	DIODE BAV99 SEMTECH	1
D4051	093G 6433S	9JR9300000062	DIODE BAV99 SEMTECH	1
D4151	093G 6433S	9JR9300000062	DIODE BAV99 SEMTECH	1
D4152	093G 6433S	9JR9300000062	DIODE BAV99 SEMTECH	1
D501	093G 64S900 T	9JR9300000107	DIODE BAS316 SOT-323 PHILIPS	1
D502	093G 64S900 T	9JR9300000107	DIODE BAS316 SOT-323 PHILIPS	1
D503	093G 64S900 T	9JR9300000107	DIODE BAS316 SOT-323 PHILIPS	1
D504	093G 64S900 T	9JR9300000107	DIODE BAS316 SOT-323 PHILIPS	1
D505	093G 64S900 T	9JR9300000107	DIODE BAS316 SOT-323 PHILIPS	1
D506	093G 64S900 T	9JR9300000107	DIODE BAS316 SOT-323 PHILIPS	1
D507	093G 64S900 T	9JR9300000107	DIODE BAS316 SOT-323 PHILIPS	1
D508	093G 64S900 T	9JR9300000107	DIODE BAS316 SOT-323 PHILIPS	1
D509	093G 64S900 T	9JR9300000107	DIODE BAS316 SOT-323 PHILIPS	1
D510	093G 64S900 T	9JR9300000107	DIODE BAS316 SOT-323 PHILIPS	1
D511	093G 60518SEM	9JR9300000183	DIODE BAT54C-HAF 300mA/30V SOT-23	1
D603	093G 64S900 T	9JR9300000107	DIODE BAS316 SOT-323 PHILIPS	1
D604	093G 64S900 T	9JR9300000107	DIODE BAS316 SOT-323 PHILIPS	1
D606	093G 64S900 T	9JR9300000107	DIODE BAS316 SOT-323 PHILIPS	1
D607	093G 64S900 T	9JR9300000107	DIODE BAS316 SOT-323 PHILIPS	1
D608	093G 64S900 T	9JR9300000107	DIODE BAS316 SOT-323 PHILIPS	1
D702	093G 60S922 T	9JR9300000167	DIODE FB340M DO-222AA	1
D703	093G 64S900 T	9JR9300000107	DIODE BAS316 SOT-323 PHILIPS	1
D704	093G 64S900 T	9JR9300000107	DIODE BAS316 SOT-323 PHILIPS	1
FB1000	071G 59A121 TA	9JR7100000031	CHIP BEAD 120R/3000mA HCB1608KF-121T30	1
FB1002	071G 59A121 TA	9JR7100000031	CHIP BEAD 120R/3000mA HCB1608KF-121T30	1
FB1003	071G 59A121 TA	9JR7100000031	CHIP BEAD 120R/3000mA HCB1608KF-121T30	1
FB1004	071G 59A121 TA	9JR7100000031	CHIP BEAD 120R/3000mA HCB1608KF-121T30	1
FB1005	071G 59A121 TA	9JR7100000031	CHIP BEAD 120R/3000mA HCB1608KF-121T30	1
FB1006	071G 56A221 TA	9JR7100000039	IND FXD 0805 EMI 100MHZ 220R R	1
FB1009	071G 59A121 TA	9JR7100000031	CHIP BEAD 120R/3000mA HCB1608KF-121T30	1
FB1011	071G 59A121 TA	9JR7100000031	CHIP BEAD 120R/3000mA HCB1608KF-121T30	1
FB1012	071G 59A121 TA	9JR7100000031	CHIP BEAD 120R/3000mA HCB1608KF-121T30	1

FB1013	071G 59A121 TA	9JR7100000031	CHIP BEAD 120R/3000mA HCB1608KF-121T30	1
FB1014	071G 59A121 TA	9JR7100000031	CHIP BEAD 120R/3000mA HCB1608KF-121T30	1
FB1017	071G 59A121 TA	9JR7100000031	CHIP BEAD 120R/3000mA HCB1608KF-121T30	1
FB1018	071G 59A121 TA	9JR7100000031	CHIP BEAD 120R/3000mA HCB1608KF-121T30	1
FB1020	071G 59A121 TA	9JR7100000031	CHIP BEAD 120R/3000mA HCB1608KF-121T30	1
FB1021	071G 59A121 TA	9JR7100000031	CHIP BEAD 120R/3000mA HCB1608KF-121T30	1
FB1022	071G 59A121 TA	9JR7100000031	CHIP BEAD 120R/3000mA HCB1608KF-121T30	1
FB1023	071G 59C600 TA	9JR7100000044	CHIP BEAD 60ohm 600mA FCM1608CF-600T06	1
FB1024	071G 59A121 TA	9JR7100000031	CHIP BEAD 120R/3000mA HCB1608KF-121T30	1
FB1025	071G 59A121 TA	9JR7100000031	CHIP BEAD 120R/3000mA HCB1608KF-121T30	1
FB1052	071G 59C800 TA	9JR7100000066	CHIP BEAD 80R 400mA FCM16008CF-800T04	1
FB1053	071G 59C800 TA	9JR7100000066	CHIP BEAD 80R 400mA FCM16008CF-800T04	1
FB1054	071G 59C800 TA	9JR7100000066	CHIP BEAD 80R 400mA FCM16008CF-800T04	1
FB1158	071G 59C800 TA	9JR7100000066	CHIP BEAD 80R 400mA FCM16008CF-800T04	1
FB1159	071G 59C800 TA	9JR7100000066	CHIP BEAD 80R 400mA FCM16008CF-800T04	1
FB1160	071G 59C800 TA	9JR7100000066	CHIP BEAD 80R 400mA FCM16008CF-800T04	1
FB1161	071G 59C800 TA	9JR7100000066	CHIP BEAD 80R 400mA FCM16008CF-800T04	1
FB1162	071G 59C800 TA	9JR7100000066	CHIP BEAD 80R 400mA FCM16008CF-800T04	1
FB1163	071G 59C800 TA	9JR7100000066	CHIP BEAD 80R 400mA FCM16008CF-800T04	1
FB1164	071G 59C800 TA	9JR7100000066	CHIP BEAD 80R 400mA FCM16008CF-800T04	1
FB1165	071G 59C800 TA	9JR7100000066	CHIP BEAD 80R 400mA FCM16008CF-800T04	1
FB1166	071G 59D121 TA	9JR7100000033	CHIP BEAD 120R/600mA FCM1608KF-121T06	1
FB1167	071G 59C601 TA	9JR7100000032	CHIP BEAD 600R/200mA FCM1608K-601T02	1
FB1168	071G 59C601 TA	9JR7100000032	CHIP BEAD 600R/200mA FCM1608K-601T02	1
FB4000	071G 59A121 TA	9JR7100000031	CHIP BEAD 120R/3000mA HCB1608KF-121T30	1
FB402	071G 59A121 TA	9JR7100000031	CHIP BEAD 120R/3000mA HCB1608KF-121T30	1
FB403	071G 59A121 TA	9JR7100000031	CHIP BEAD 120R/3000mA HCB1608KF-121T30	1
FB4057	071G 59D121 TA	9JR7100000033	CHIP BEAD 120R/600mA FCM1608KF-121T06	1
FB4058	071G 59D121 TA	9JR7100000033	CHIP BEAD 120R/600mA FCM1608KF-121T06	1
FB4060	071G 56A221 TA	9JR7100000039	IND FXD 0805 EMI 100MHZ 220R R	1
FB4100	071G 59D121 TA	9JR7100000033	CHIP BEAD 120R/600mA FCM1608KF-121T06	1
FB4151	071G 59D121 TA	9JR7100000033	CHIP BEAD 120R/600mA FCM1608KF-121T06	1
FB4152	071G 59C601 TA	9JR7100000032	CHIP BEAD 600R/200mA FCM1608K-601T02	1
FB4200	071G 56A221 TA	9JR7100000039	IND FXD 0805 EMI 100MHZ 220R R	1
FB501	071G 59C601 TA	9JR7100000032	CHIP BEAD 600R/200mA FCM1608K-601T02	1
FB502	071G 59C601 TA	9JR7100000032	CHIP BEAD 600R/200mA FCM1608K-601T02	1
FB503	071G 59C601 TA	9JR7100000032	CHIP BEAD 600R/200mA FCM1608K-601T02	1
FB504	071G 59A121 TA	9JR7100000031	CHIP BEAD 120R/3000mA HCB1608KF-121T30	1
FB505	071G 59A121 TA	9JR7100000031	CHIP BEAD 120R/3000mA HCB1608KF-121T30	1
FB601	071G 59A121 TA	9JR7100000031	CHIP BEAD 120R/3000mA HCB1608KF-121T30	1
FB605	071G 56A221 TA	9JR7100000039	IND FXD 0805 EMI 100MHZ 220R R	1
FB606	071G 56A221 TA	9JR7100000039	IND FXD 0805 EMI 100MHZ 220R R	1
FB701	071G 59A121 TA	9JR7100000031	CHIP BEAD 120R/3000mA HCB1608KF-121T30	1
FB702	071G 59A121 TA	9JR7100000031	CHIP BEAD 120R/3000mA HCB1608KF-121T30	1
FB704	071G 56A221 TA	9JR7100000039	IND FXD 0805 EMI 100MHZ 220R R	1
FB705	071G 56A221 TA	9JR7100000039	IND FXD 0805 EMI 100MHZ 220R R	1
FB706	071G 56A221 TA	9JR7100000039	IND FXD 0805 EMI 100MHZ 220R R	1
FB707	071G 56A221 TA	9JR7100000039	IND FXD 0805 EMI 100MHZ 220R R	1
FB751	071G 56A221 TA	9JR7100000039	IND FXD 0805 EMI 100MHZ 220R R	1
L1000	073G 63228 TA	9JR7300000079	CHIP INDUCTOR 1608 0.22UH +-10% 0.8R	1
L1001	073G 63228 TA	9JR7300000079	CHIP INDUCTOR 1608 0.22UH +-10% 0.8R	1
L1002	073G 63338 TA	9JR7300000080	CHIP INDUCTOR 1608 0.33UH +-10% 0.85R	1
L1003	073G 63338 TA	9JR7300000080	CHIP INDUCTOR 1608 0.33UH +-10% 0.85R	1
L1050	073G 63189 TA	9JR7300000056	CHIP INDUCTOR 1U8 10% FCI1608F-1R8K	1
L1051	073G 63189 TA	9JR7300000056	CHIP INDUCTOR 1U8 10% FCI1608F-1R8K	1
L401	073G253S901 T	9JR7300000038	SMD CHOKE 90R/400mA ACM2012-900-2P	1
L402	073G253S901 T	9JR7300000038	SMD CHOKE 90R/400mA ACM2012-900-2P	1
L4150	073G 63828 TA	9JR7300000057	CHIP INDUCROR 0U82 10% FCI1608F-R82K	1
L601	073G 259903 T	9JR7300000083	CHOKE 47uH+/-10% TSL0808RA-470K1R2-PF	1
L602	073G 259903 T	9JR7300000083	CHOKE 47uH+/-10% TSL0808RA-470K1R2-PF	1
L603	073G 259903 T	9JR7300000083	CHOKE 47uH+/-10% TSL0808RA-470K1R2-PF	1
L604	073G 259903 T	9JR7300000083	CHOKE 47uH+/-10% TSL0808RA-470K1R2-PF	1
L701	073G253SA46 T	9JR7300000098	SMD INDUCTOR 4.7uH+/-20% 26.6mohm 2.8A	1
L702	073G253SA46 T	9JR7300000098	SMD INDUCTOR 4.7uH+/-20% 26.6mohm 2.8A	1
Q1001	057G 761900 T	9JR5700000076	BC857 SOT23	1
Q1050	057G 760900	9JR5700000057	DIGITAL TR DTC623TK SMT3	1
Q1051	057G 760900	9JR5700000057	DIGITAL TR DTC623TK SMT3	1

Q1052	057G 760900	9JR5700000057	DIGITAL TR DTC623TK SMT3	1
Q1053	057G 760900	9JR5700000057	DIGITAL TR DTC623TK SMT3	1
Q1054	057G 417512	9JR5700000069	MMBT3906	1
Q1055	057G 417512	9JR5700000069	MMBT3906	1
Q1150	057G 477900 T	9JR5700000052	TRA SIG SM BC847C (KEC0) R	1
Q1151	057G 760900	9JR5700000057	DIGITAL TR DTC623TK SMT3	1
Q1152	057G 760900	9JR5700000057	DIGITAL TR DTC623TK SMT3	1
Q1153	057G 417512	9JR5700000069	MMBT3906	1
Q1154	057G 417512	9JR5700000069	MMBT3906	1
Q1155	057G 759 2	9JR5700000055	RK7002FD5T116 SOT-23 BY ROHM	1
Q1156	057G 759 2	9JR5700000055	RK7002FD5T116 SOT-23 BY ROHM	1
Q1157	057G 477900 T	9JR5700000052	TRA SIG SM BC847C (KEC0) R	1
Q401	057G 417511	9JR5700000001	MMBT3904	1
Q402	057G 417511	9JR5700000001	MMBT3904	1
Q501	057G 477900 T	9JR5700000052	TRA SIG SM BC847C (KEC0) R	1
Q502	057G 763910	9JR5700000073	FET 2SK1828 TO-236MOD	1
Q503	057G 477900 T	9JR5700000052	TRA SIG SM BC847C (KEC0) R	1
Q504	057G 477900 T	9JR5700000052	TRA SIG SM BC847C (KEC0) R	1
Q505	057G 477900 T	9JR5700000052	TRA SIG SM BC847C (KEC0) R	1
Q506	057G 477900 T	9JR5700000052	TRA SIG SM BC847C (KEC0) R	1
Q507	057G 477900 T	9JR5700000052	TRA SIG SM BC847C (KEC0) R	1
Q508	057G 763910	9JR5700000073	FET 2SK1828 TO-236MOD	1
Q601	057G 477904 T	9JR5700000053	TRA BC847BW 100mA/45V SOT-323	1
Q602	057G 761902 T	9JR5700000059	TRA BC857BW 100mA/50V SOT-323	1
Q605	057G 477900 T	9JR5700000052	TRA SIG SM BC847C (KEC0) R	1
Q701	057G 477900 T	9JR5700000052	TRA SIG SM BC847C (KEC0) R	1
Q702	057G 477900 T	9JR5700000052	TRA SIG SM BC847C (KEC0) R	1
Q703	057G 763913	9JR5700000065	MOSFET AO6415 TSOP6	1
Q704	057G 763941	9JR5700000089	MOSFET AON4421 DFN	1
Q705	057G 477900 T	9JR5700000052	TRA SIG SM BC847C (KEC0) R	1
Q750	057G 763941	9JR5700000089	MOSFET AON4421 DFN	1
Q751	057G 477900 T	9JR5700000052	TRA SIG SM BC847C (KEC0) R	1
R1002	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R1003	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R1005	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R1006	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R1007	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R1008	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R1010	061G0402000 JI	9JR6100000833	TEST ONLY RST 0402 0.05R MAX 1/16W TA-I	1
R1011	061G06031000FF	9JR6100000932	RST CHIPR 100 OHM +-1% 1/10W FENGHUA	1
R1012	061G06031000FF	9JR6100000932	RST CHIPR 100 OHM +-1% 1/10W FENGHUA	1
R1013	061G0402000 JI	9JR6100000833	TEST ONLY RST 0402 0.05R MAX 1/16W TA-I	1
R1017	061G0402000 JI	9JR6100000833	TEST ONLY RST 0402 0.05R MAX 1/16W TA-I	1
R1018	061G0402000 JI	9JR6100000833	TEST ONLY RST 0402 0.05R MAX 1/16W TA-I	1
R1019	061G0402102 JI	9JR6100000835	TEST ONLY RST 0402 1K 5% 1/16W TA-I	1
R1021	061G0402000 JI	9JR6100000833	TEST ONLY RST 0402 0.05R MAX 1/16W TA-I	1
R1024	061G0402104 JI	9JR6100000837	TEST ONLY RST 0402 100K 5% 1/16W TA-I	1
R1025	061G0402000 JI	9JR6100000833	TEST ONLY RST 0402 0.05R MAX 1/16W TA-I	1
R1031	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R1032	061G0402101 JI	9JR6100000834	TEST ONLY RST 0402 100R 5% 1/16W TA-I	1
R1033	061G0402101 JI	9JR6100000834	TEST ONLY RST 0402 100R 5% 1/16W TA-I	1
R1038	061G0402000 JI	9JR6100000833	TEST ONLY RST 0402 0.05R MAX 1/16W TA-I	1
R1039	061G0402000 JI	9JR6100000833	TEST ONLY RST 0402 0.05R MAX 1/16W TA-I	1
R1041	061G0603000 JI	9JR6100000931	TEST ONLY RST 0603 0.05R MAX 1/16W TA-I	1
R1042	061G0402000 JI	9JR6100000833	TEST ONLY RST 0402 0.05R MAX 1/16W TA-I	1
R1043	061G0603000 JI	9JR6100000931	TEST ONLY RST 0603 0.05R MAX 1/16W TA-I	1
R1044	061G0603000 JI	9JR6100000931	TEST ONLY RST 0603 0.05R MAX 1/16W TA-I	1
R1045	061G0402000 JI	9JR6100000833	TEST ONLY RST 0402 0.05R MAX 1/16W TA-I	1
R1046	061G0402000 JI	9JR6100000833	TEST ONLY RST 0402 0.05R MAX 1/16W TA-I	1
R1047	061G0402101 JI	9JR6100000834	TEST ONLY RST 0402 100R 5% 1/16W TA-I	1
R1048	061G0402101 JI	9JR6100000834	TEST ONLY RST 0402 100R 5% 1/16W TA-I	1
R1049	061G0603000 JI	9JR6100000931	TEST ONLY RST 0603 0.05R MAX 1/16W TA-I	1
R1050	061G0603000 JI	9JR6100000931	TEST ONLY RST 0603 0.05R MAX 1/16W TA-I	1
R1051	061G0603000 JI	9JR6100000931	TEST ONLY RST 0603 0.05R MAX 1/16W TA-I	1
R1052	061G0603000 JI	9JR6100000931	TEST ONLY RST 0603 0.05R MAX 1/16W TA-I	1
R1060	061G0402750 JI	9JR6100000930	TEST ONLY RST 0402 75R 5% 1/16W TA-I	1
R1061	061G0402750 JI	9JR6100000930	TEST ONLY RST 0402 75R 5% 1/16W TA-I	1

R1062	061G0402750 JI	9JR6100000930	TEST ONLY RST 0402 75R 5% 1/16W TA-I	1
R1063	061G0402680 JF	9JR6100000929	RST CHIPR 68 OHM +-5% 1/16W FENGHUA	1
R1064	061G0402680 JF	9JR6100000929	RST CHIPR 68 OHM +-5% 1/16W FENGHUA	1
R1065	061G0402303 JF	9JR6100000918	RST CHIP R 30Kohm 1/16W +/-5% FENGHUA	1
R1066	061G0402750 JI	9JR6100000930	TEST ONLY RST 0402 75R 5% 1/16W TA-I	1
R1067	061G0402303 JF	9JR6100000918	RST CHIP R 30Kohm 1/16W +/-5% FENGHUA	1
R1068	061G0402303 JF	9JR6100000918	RST CHIP R 30Kohm 1/16W +/-5% FENGHUA	1
R1069	061G0402303 JF	9JR6100000918	RST CHIP R 30Kohm 1/16W +/-5% FENGHUA	1
R1070	061G0402750 JI	9JR6100000930	TEST ONLY RST 0402 75R 5% 1/16W TA-I	1
R1071	061G0402000 JI	9JR6100000833	TEST ONLY RST 0402 0.05R MAX 1/16W TA-I	1
R1072	061G0402000 JI	9JR6100000833	TEST ONLY RST 0402 0.05R MAX 1/16W TA-I	1
R1073	061G0402101 JI	9JR6100000834	TEST ONLY RST 0402 100R 5% 1/16W TA-I	1
R1074	061G0402101 JI	9JR6100000834	TEST ONLY RST 0402 100R 5% 1/16W TA-I	1
R1075	061G0402000 JI	9JR6100000833	TEST ONLY RST 0402 0.05R MAX 1/16W TA-I	1
R1076	061G0402000 JI	9JR6100000833	TEST ONLY RST 0402 0.05R MAX 1/16W TA-I	1
R1077	061G06031002FI	9JR6100000848	TEST ONLY RST 0603 10K 5% 1/16W TA-I	1
R1078	061G0402000 JI	9JR6100000833	TEST ONLY RST 0402 0.05R MAX 1/16W TA-I	1
R1079	061G0402000 JI	9JR6100000833	TEST ONLY RST 0402 0.05R MAX 1/16W TA-I	1
R1080	061G0402000 JI	9JR6100000833	TEST ONLY RST 0402 0.05R MAX 1/16W TA-I	1
R1081	061G0402000 JI	9JR6100000833	TEST ONLY RST 0402 0.05R MAX 1/16W TA-I	1
R1083	061G0402102 JI	9JR6100000835	TEST ONLY RST 0402 1K 5% 1/16W TA-I	1
R1084	061G0603473 JI	9JR6100000866	TEST ONLY RST 0603 47K 5% 1/16W TA-I	1
R1085	061G0603331 JF	9JR6100000948	RST CHIPR 330OHM 1/10W FENGHUA	1
R1086	061G0402000 JI	9JR6100000833	TEST ONLY RST 0402 0.05R MAX 1/16W TA-I	1
R1087	061G0603473 JI	9JR6100000866	TEST ONLY RST 0603 47K 5% 1/16W TA-I	1
R1088	061G0603331 JF	9JR6100000948	RST CHIPR 330OHM 1/10W FENGHUA	1
R1089	061G0402102 JI	9JR6100000835	TEST ONLY RST 0402 1K 5% 1/16W TA-I	1
R1090	061G0603000 JI	9JR6100000931	TEST ONLY RST 0603 0.05R MAX 1/16W TA-I	1
R1091	061G0603473 JI	9JR6100000866	TEST ONLY RST 0603 47K 5% 1/16W TA-I	1
R1092	061G0603331 JF	9JR6100000948	RST CHIPR 330OHM 1/10W FENGHUA	1
R1093	061G0603102 JI	9JR6100000850	TEST ONLY RST 0603 1K 5% 1/16W TA-I	1
R1094	061G0402000 JI	9JR6100000833	TEST ONLY RST 0402 0.05R MAX 1/16W TA-I	1
R1095	061G0402473 JI	9JR6100000924	TEST ONLY RST 0402 47K 5% 1/16W TA-I	1
R1096	061G0603331 JF	9JR6100000948	RST CHIPR 330OHM 1/10W FENGHUA	1
R1097	061G0402102 JI	9JR6100000835	TEST ONLY RST 0402 1K 5% 1/16W TA-I	1
R1098	061G06031002FI	9JR6100000848	TEST ONLY RST 0603 10K 5% 1/16W TA-I	1
R1099	061G0402750 JI	9JR6100000930	TEST ONLY RST 0402 75R 5% 1/16W TA-I	1
R1100	061G0402000 JI	9JR6100000833	TEST ONLY RST 0402 0.05R MAX 1/16W TA-I	1
R1101	061G0402750 JI	9JR6100000930	TEST ONLY RST 0402 75R 5% 1/16W TA-I	1
R1102	061G0402000 JI	9JR6100000833	TEST ONLY RST 0402 0.05R MAX 1/16W TA-I	1
R1103	061G0603103 JI	9JR6100000851	TEST ONLY RST 0603 10K 5% 1/16W TA-I	1
R1104	061G0603103 JI	9JR6100000851	TEST ONLY RST 0603 10K 5% 1/16W TA-I	1
R1105	061G0603363 JI	9JR6100000950	RST 0603 36K 5% 1/10W TA-I	1
R1106	061G0603000 JI	9JR6100000931	TEST ONLY RST 0603 0.05R MAX 1/16W TA-I	1
R1107	061G0603103 JI	9JR6100000851	TEST ONLY RST 0603 10K 5% 1/16W TA-I	1
R1108	061G0402000 JI	9JR6100000833	TEST ONLY RST 0402 0.05R MAX 1/16W TA-I	1
R1109	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R1110	061G0603472 JI	9JR6100000865	TEST ONLY RST 0603 4.7K 5% 1/16W TA-I	1
R1111	061G0603363 JI	9JR6100000950	RST 0603 36K 5% 1/10W TA-I	1
R1112	061G0603363 JI	9JR6100000950	RST 0603 36K 5% 1/10W TA-I	1
R1113	061G0603000 JI	9JR6100000931	TEST ONLY RST 0603 0.05R MAX 1/16W TA-I	1
R1114	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R1115	061G0603000 JI	9JR6100000931	TEST ONLY RST 0603 0.05R MAX 1/16W TA-I	1
R1116	061G0603472 JI	9JR6100000865	TEST ONLY RST 0603 4.7K 5% 1/16W TA-I	1
R1117	061G0603000 JI	9JR6100000931	TEST ONLY RST 0603 0.05R MAX 1/16W TA-I	1
R1118	061G0603103 JI	9JR6100000851	TEST ONLY RST 0603 10K 5% 1/16W TA-I	1
R1119	061G0603363 JI	9JR6100000950	RST 0603 36K 5% 1/10W TA-I	1
R1121	061G0603000 JI	9JR6100000931	TEST ONLY RST 0603 0.05R MAX 1/16W TA-I	1
R1122	061G0402222 JI	9JR6100000840	TEST ONLY RST 0402 2.2K 5% 1/16W TA-I	1
R1125	061G0402222 JI	9JR6100000840	TEST ONLY RST 0402 2.2K 5% 1/16W TA-I	1
R1126	061G0402000 JI	9JR6100000833	TEST ONLY RST 0402 0.05R MAX 1/16W TA-I	1
R1127	061G0603000 JI	9JR6100000931	TEST ONLY RST 0603 0.05R MAX 1/16W TA-I	1
R1129	061G0603750 JF	9JR6100000957	RST CHIPR 75OHM +- 5% 1/10W FENGHUA	1
R1130	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R1131	061G0402513 JF	9JR6100000928	RST CHIP 51K 1/16W 5% FENGHUA	1
R1132	061G0402513 JF	9JR6100000928	RST CHIP 51K 1/16W 5% FENGHUA	1
R1133	061G0603000 JI	9JR6100000931	TEST ONLY RST 0603 0.05R MAX 1/16W TA-I	1

R1134	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R1135	061G0402680 JF	9JR6100000929	RST CHIPR 68 OHM +-5% 1/16W FENGHUA	1
R1136	061G0402101 JI	9JR6100000834	TEST ONLY RST 0402 100R 5% 1/16W TA-I	1
R1137	061G0402101 JI	9JR6100000834	TEST ONLY RST 0402 100R 5% 1/16W TA-I	1
R1138	061G0402750 JI	9JR6100000930	TEST ONLY RST 0402 75R 5% 1/16W TA-I	1
R1150	061G0603303 JF	9JR6100000946	RST CHIP R 30KOHM 1/16W +/-5% FENGHUA	1
R1151	061G0402303 JF	9JR6100000918	RST CHIP R 30Kohm 1/16W +/-5% FENGHUA	1
R1152	061G0402303 JF	9JR6100000918	RST CHIP R 30Kohm 1/16W +/-5% FENGHUA	1
R1153	061G0402303 JF	9JR6100000918	RST CHIP R 30Kohm 1/16W +/-5% FENGHUA	1
R1154	061G0402303 JF	9JR6100000918	RST CHIP R 30Kohm 1/16W +/-5% FENGHUA	1
R1155	061G0402303 JF	9JR6100000918	RST CHIP R 30Kohm 1/16W +/-5% FENGHUA	1
R1156	061G0402000 JI	9JR6100000833	TEST ONLY RST 0402 0.05R MAX 1/16W TA-I	1
R1157	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R1158	061G0402680 JF	9JR6100000929	RST CHIPR 68 OHM +-5% 1/16W FENGHUA	1
R1159	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R1160	061G0402101 JI	9JR6100000834	TEST ONLY RST 0402 100R 5% 1/16W TA-I	1
R1161	061G04025609FI	9JR6100000843	TEST ONLY RST 0402 56R 1% 1/16W TA-I	1
R1162	061G0402101 JI	9JR6100000834	TEST ONLY RST 0402 100R 5% 1/16W TA-I	1
R1163	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R1164	061G0402680 JF	9JR6100000929	RST CHIPR 68 OHM +-5% 1/16W FENGHUA	1
R1165	061G0402000 JI	9JR6100000833	TEST ONLY RST 0402 0.05R MAX 1/16W TA-I	1
R1166	061G04025609FI	9JR6100000843	TEST ONLY RST 0402 56R 1% 1/16W TA-I	1
R1167	061G0603000 JI	9JR6100000931	TEST ONLY RST 0603 0.05R MAX 1/16W TA-I	1
R1168	061G0402180 JF	9JR6100000915	RST CHIPR 18 OHM +-5% 1/16W FENGHUA	1
R1169	061G04025609FI	9JR6100000843	TEST ONLY RST 0402 56R 1% 1/16W TA-I	1
R1170	061G0402180 JF	9JR6100000915	RST CHIPR 18 OHM +-5% 1/16W FENGHUA	1
R1171	061G0402680 JF	9JR6100000929	RST CHIPR 68 OHM +-5% 1/16W FENGHUA	1
R1172	061G0402180 JF	9JR6100000915	RST CHIPR 18 OHM +-5% 1/16W FENGHUA	1
R1173	061G0402000 JI	9JR6100000833	TEST ONLY RST 0402 0.05R MAX 1/16W TA-I	1
R1174	061G0402750 JI	9JR6100000930	TEST ONLY RST 0402 75R 5% 1/16W TA-I	1
R1175	061G0402680 JF	9JR6100000929	RST CHIPR 68 OHM +-5% 1/16W FENGHUA	1
R1176	061G0402750 JI	9JR6100000930	TEST ONLY RST 0402 75R 5% 1/16W TA-I	1
R1177	061G0402000 JI	9JR6100000833	TEST ONLY RST 0402 0.05R MAX 1/16W TA-I	1
R1178	061G0402680 JF	9JR6100000929	RST CHIPR 68 OHM +-5% 1/16W FENGHUA	1
R1179	061G0402750 JI	9JR6100000930	TEST ONLY RST 0402 75R 5% 1/16W TA-I	1
R1180	061G0402680 JF	9JR6100000929	RST CHIPR 68 OHM +-5% 1/16W FENGHUA	1
R1181	061G0402101 JI	9JR6100000834	TEST ONLY RST 0402 100R 5% 1/16W TA-I	1
R1182	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R1183	061G0402101 JI	9JR6100000834	TEST ONLY RST 0402 100R 5% 1/16W TA-I	1
R1184	061G0402152 JF	9JR6100000914	RST CHIPR 1.5KOHM +-5% 1/16W FENGHUA	1
R1185	061G0402152 JF	9JR6100000914	RST CHIPR 1.5KOHM +-5% 1/16W FENGHUA	1
R1186	061G0402000 JI	9JR6100000833	TEST ONLY RST 0402 0.05R MAX 1/16W TA-I	1
R1187	061G0402750 JI	9JR6100000930	TEST ONLY RST 0402 75R 5% 1/16W TA-I	1
R1188	061G0603472 JI	9JR6100000865	TEST ONLY RST 0603 4.7K 5% 1/16W TA-I	1
R1189	061G06032400FF	9JR6100000942	RST CHIPR 240 OHM +-1% 1/10W FENGHUA	1
R1190	061G0402750 JI	9JR6100000930	TEST ONLY RST 0402 75R 5% 1/16W TA-I	1
R1191	061G0402750 JI	9JR6100000930	TEST ONLY RST 0402 75R 5% 1/16W TA-I	1
R1192	061G0402101 JI	9JR6100000834	TEST ONLY RST 0402 100R 5% 1/16W TA-I	1
R1193	061G0402101 JI	9JR6100000834	TEST ONLY RST 0402 100R 5% 1/16W TA-I	1
R1194	061G0603101 JI	9JR6100000849	TEST ONLY RST 0603 100R 5% 1/16W TA-I	1
R1195	061G0603103 JI	9JR6100000851	TEST ONLY RST 0603 10K 5% 1/16W TA-I	1
R1196	061G0603101 JI	9JR6100000849	TEST ONLY RST 0603 100R 5% 1/16W TA-I	1
R1197	061G0402750 JI	9JR6100000930	TEST ONLY RST 0402 75R 5% 1/16W TA-I	1
R1198	061G0402101 JI	9JR6100000834	TEST ONLY RST 0402 100R 5% 1/16W TA-I	1
R1199	061G0402750 JI	9JR6100000930	TEST ONLY RST 0402 75R 5% 1/16W TA-I	1
R1200	061G0402000 JI	9JR6100000833	TEST ONLY RST 0402 0.05R MAX 1/16W TA-I	1
R1201	061G0402000 JI	9JR6100000833	TEST ONLY RST 0402 0.05R MAX 1/16W TA-I	1
R1202	061G0603000 JI	9JR6100000931	TEST ONLY RST 0603 0.05R MAX 1/16W TA-I	1
R1203	061G0603473 JI	9JR6100000866	TEST ONLY RST 0603 47K 5% 1/16W TA-I	1
R1204	061G0603331 JF	9JR6100000948	RST CHIPR 330OHM 1/10W FENGHUA	1
R1205	061G0603102 JI	9JR6100000850	TEST ONLY RST 0603 1K 5% 1/16W TA-I	1
R1206	061G0402000 JI	9JR6100000833	TEST ONLY RST 0402 0.05R MAX 1/16W TA-I	1
R1207	061G0402473 JI	9JR6100000924	TEST ONLY RST 0402 47K 5% 1/16W TA-I	1
R1208	061G0603331 JF	9JR6100000948	RST CHIPR 330OHM 1/10W FENGHUA	1
R1209	061G0402102 JI	9JR6100000835	TEST ONLY RST 0402 1K 5% 1/16W TA-I	1
R1210	061G0603222 JF	9JR6100000940	RST CHIPR 2.2K OHM +-5% 1/10W FENGHUA	1
R1211	061G0603222 JF	9JR6100000940	RST CHIPR 2.2K OHM +-5% 1/10W FENGHUA	1

R1212	061G0402330 JF	9JR6100000919	RST CHIPR 33 OHM +-5% 1/16W FENGHUA	1
R4000	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R4001	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R4003	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R4004	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R4005	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R4006	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R4050	061G06035600FF	9JR6100000954	RST CHIPR 560 OHM +-1% 1/10W FENGHUA	1
R4051	061G0402000 JI	9JR6100000833	TEST ONLY RST 0402 0.05R MAX 1/16W TA-I	1
R4052	061G0402000 JI	9JR6100000833	TEST ONLY RST 0402 0.05R MAX 1/16W TA-I	1
R4056	061G0603000 JI	9JR6100000931	TEST ONLY RST 0603 0.05R MAX 1/16W TA-I	1
R4057	061G0603000 JI	9JR6100000931	TEST ONLY RST 0603 0.05R MAX 1/16W TA-I	1
R4058	061G0603000 JI	9JR6100000931	TEST ONLY RST 0603 0.05R MAX 1/16W TA-I	1
R4059	061G0603000 JI	9JR6100000931	TEST ONLY RST 0603 0.05R MAX 1/16W TA-I	1
R406	061G0603102 JI	9JR6100000850	TEST ONLY RST 0603 1K 5% 1/16W TA-I	1
R4060	061G0603000 JI	9JR6100000931	TEST ONLY RST 0603 0.05R MAX 1/16W TA-I	1
R4061	061G0603000 JI	9JR6100000931	TEST ONLY RST 0603 0.05R MAX 1/16W TA-I	1
R4062	061G0603000 JI	9JR6100000931	TEST ONLY RST 0603 0.05R MAX 1/16W TA-I	1
R4063	061G0603000 JI	9JR6100000931	TEST ONLY RST 0603 0.05R MAX 1/16W TA-I	1
R407	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R408	061G0603101 JI	9JR6100000849	TEST ONLY RST 0603 100R 5% 1/16W TA-I	1
R409	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R410	061G0603202 JI	9JR6100000938	TEST ONLY RST 0603 2K 5% 1/16W TA-I	1
R4100	061G06031001FI	9JR6100000847	TEST ONLY RST 0603 1K 1% 1/10W TA-I	1
R4101	061G06031001FI	9JR6100000847	TEST ONLY RST 0603 1K 1% 1/10W TA-I	1
R4102	061G06031001FI	9JR6100000847	TEST ONLY RST 0603 1K 1% 1/10W TA-I	1
R4103	061G06031001FI	9JR6100000847	TEST ONLY RST 0603 1K 1% 1/10W TA-I	1
R4104	061G06031001FI	9JR6100000847	TEST ONLY RST 0603 1K 1% 1/10W TA-I	1
R4105	061G06031001FI	9JR6100000847	TEST ONLY RST 0603 1K 1% 1/10W TA-I	1
R4106	061G0402101 JI	9JR6100000834	TEST ONLY RST 0402 100R 5% 1/16W TA-I	1
R4107	061G0402101 JI	9JR6100000834	TEST ONLY RST 0402 100R 5% 1/16W TA-I	1
R4108	061G0402101 JI	9JR6100000834	TEST ONLY RST 0402 100R 5% 1/16W TA-I	1
R4109	061G0402220 JI	9JR6100000839	TEST ONLY RST 0402 22R 5% 1/16W TA-I	1
R4110	061G0402220 JI	9JR6100000839	TEST ONLY RST 0402 22R 5% 1/16W TA-I	1
R4111	061G0402220 JI	9JR6100000839	TEST ONLY RST 0402 22R 5% 1/16W TA-I	1
R4112	061G0402220 JI	9JR6100000839	TEST ONLY RST 0402 22R 5% 1/16W TA-I	1
R413	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R414	061G0805103 JF	9JR6100000960	RST CHIPR 10K OHM +-5% 1/8W FENGHUA	1
R4151	061G0603000 JI	9JR6100000931	TEST ONLY RST 0603 0.05R MAX 1/16W TA-I	1
R4152	061G0603109 JF	9JR6100000933	RST CHIP 1R 1/10W 5% FENGHUA	1
R4153	061G06031001FI	9JR6100000847	TEST ONLY RST 0603 1K 1% 1/10W TA-I	1
R4154	061G06036801FF	9JR6100000956	ST CHIPR 6.8KOHM +-1% 1/10W FENGHUA	1
R4156	061G0603000 JI	9JR6100000931	TEST ONLY RST 0603 0.05R MAX 1/16W TA-I	1
R4158	061G0402331 JF	9JR6100000920	RST CHIP 330R 1/16W 5% FENGHUA	1
R4159	061G0603101 JI	9JR6100000849	TEST ONLY RST 0603 100R 5% 1/16W TA-I	1
R4160	061G0603000 JI	9JR6100000931	TEST ONLY RST 0603 0.05R MAX 1/16W TA-I	1
R4162	061G0603163 JF	9JR6100000936	RST CHIPR 16KOHM 5% 1/10W FENGHUA	1
R4163	061G0603163 JF	9JR6100000936	RST CHIPR 16KOHM 5% 1/10W FENGHUA	1
R4164	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R4165	061G0402102 JI	9JR6100000835	TEST ONLY RST 0402 1K 5% 1/16W TA-I	1
R4166	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R4167	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R4168	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R4169	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R4170	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R4171	061G04023901FI	9JR6100000921	TEST ONLY RST 0402 3.9K 1% 1/16W TA-I	1
R4172	061G06031000FF	9JR6100000932	RST CHIPR 100 OHM +-1% 1/10W FENGHUA	1
R4173	061G04023901FI	9JR6100000921	TEST ONLY RST 0402 3.9K 1% 1/16W TA-I	1
R4174	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R4175	061G06031000FF	9JR6100000932	RST CHIPR 100 OHM +-1% 1/10W FENGHUA	1
R4176	061G0402330 JF	9JR6100000919	RST CHIPR 33 OHM +-5% 1/16W FENGHUA	1
R4177	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R4179	061G0603000 JI	9JR6100000931	TEST ONLY RST 0603 0.05R MAX 1/16W TA-I	1
R418	061G0603000 JI	9JR6100000931	TEST ONLY RST 0603 0.05R MAX 1/16W TA-I	1
R4180	061G0402104 JI	9JR6100000837	TEST ONLY RST 0402 100K 5% 1/16W TA-I	1
R4181	061G0603331 JF	9JR6100000948	RST CHIPR 330OHM 1/10W FENGHUA	1
R4182	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1

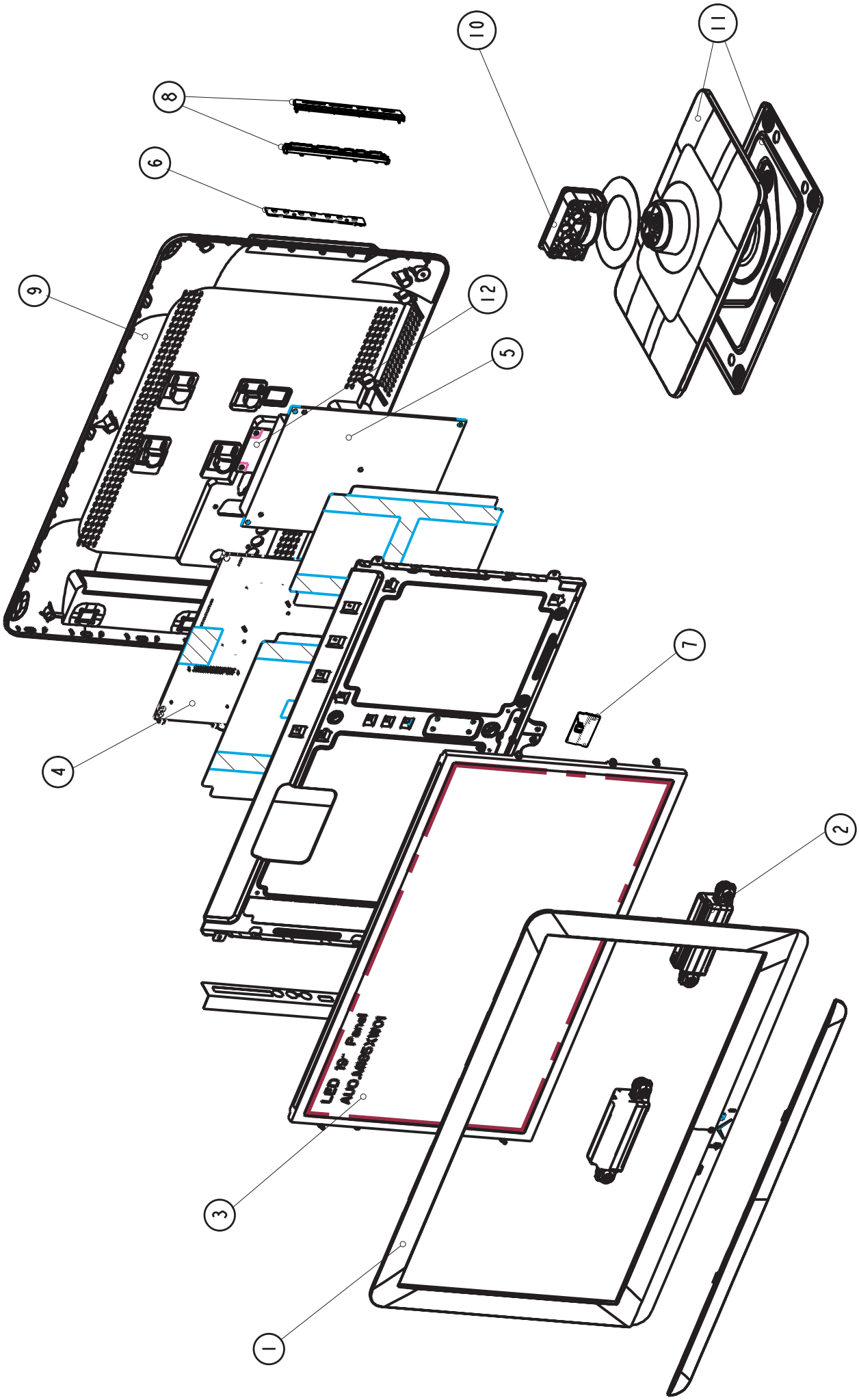
R4183	061G0603331 JF	9JR6100000948	RST CHIPR 330OHM 1/10W FENGHUA	1
R4184	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R4185	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R4186	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R4187	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R4188	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R4189	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R419	061G0603000 JI	9JR6100000931	TEST ONLY RST 0603 0.05R MAX 1/16W TA-I	1
R4190	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R4191	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R4192	061G0402000 JI	9JR6100000833	TEST ONLY RST 0402 0.05R MAX 1/16W TA-I	1
R4194	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R4195	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R4196	061G0402471 JI	9JR6100000923	TEST ONLY RST 0402 470R 5% 1/16W TA-I	1
R4197	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R4199	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R420	061G0603000 JI	9JR6100000931	TEST ONLY RST 0603 0.05R MAX 1/16W TA-I	1
R4200	061G0603472 JI	9JR6100000865	TEST ONLY RST 0603 4.7K 5% 1/16W TA-I	1
R4201	061G0603472 JI	9JR6100000865	TEST ONLY RST 0603 4.7K 5% 1/16W TA-I	1
R4202	061G0402220 JI	9JR6100000839	TEST ONLY RST 0402 22R 5% 1/16W TA-I	1
R4203	061G0402220 JI	9JR6100000839	TEST ONLY RST 0402 22R 5% 1/16W TA-I	1
R4204	061G0402220 JI	9JR6100000839	TEST ONLY RST 0402 22R 5% 1/16W TA-I	1
R4205	061G0402220 JI	9JR6100000839	TEST ONLY RST 0402 22R 5% 1/16W TA-I	1
R4206	061G0402220 JI	9JR6100000839	TEST ONLY RST 0402 22R 5% 1/16W TA-I	1
R4207	061G0402220 JI	9JR6100000839	TEST ONLY RST 0402 22R 5% 1/16W TA-I	1
R4208	061G0402220 JI	9JR6100000839	TEST ONLY RST 0402 22R 5% 1/16W TA-I	1
R4209	061G0402220 JI	9JR6100000839	TEST ONLY RST 0402 22R 5% 1/16W TA-I	1
R4210	061G0402220 JI	9JR6100000839	TEST ONLY RST 0402 22R 5% 1/16W TA-I	1
R4211	061G0402220 JI	9JR6100000839	TEST ONLY RST 0402 22R 5% 1/16W TA-I	1
R4212	061G0402220 JI	9JR6100000839	TEST ONLY RST 0402 22R 5% 1/16W TA-I	1
R4213	061G0402220 JI	9JR6100000839	TEST ONLY RST 0402 22R 5% 1/16W TA-I	1
R4214	061G0402220 JI	9JR6100000839	TEST ONLY RST 0402 22R 5% 1/16W TA-I	1
R4215	061G0402220 JI	9JR6100000839	TEST ONLY RST 0402 22R 5% 1/16W TA-I	1
R4216	061G0402220 JI	9JR6100000839	TEST ONLY RST 0402 22R 5% 1/16W TA-I	1
R4217	061G0402220 JI	9JR6100000839	TEST ONLY RST 0402 22R 5% 1/16W TA-I	1
R4218	061G0402220 JI	9JR6100000839	TEST ONLY RST 0402 22R 5% 1/16W TA-I	1
R4219	061G0402220 JI	9JR6100000839	TEST ONLY RST 0402 22R 5% 1/16W TA-I	1
R4220	061G0402220 JI	9JR6100000839	TEST ONLY RST 0402 22R 5% 1/16W TA-I	1
R4221	061G0402220 JI	9JR6100000839	TEST ONLY RST 0402 22R 5% 1/16W TA-I	1
R4222	061G0603103 JI	9JR6100000851	TEST ONLY RST 0603 10K 5% 1/16W TA-I	1
R4223	061G0603103 JI	9JR6100000851	TEST ONLY RST 0603 10K 5% 1/16W TA-I	1
R4224	061G0603103 JI	9JR6100000851	TEST ONLY RST 0603 10K 5% 1/16W TA-I	1
R4225	061G0603103 JI	9JR6100000851	TEST ONLY RST 0603 10K 5% 1/16W TA-I	1
R4226	061G0603103 JI	9JR6100000851	TEST ONLY RST 0603 10K 5% 1/16W TA-I	1
R4227	061G0603103 JI	9JR6100000851	TEST ONLY RST 0603 10K 5% 1/16W TA-I	1
R4229	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R4230	061G0603470 JF	9JR6100000952	RST CHIPR 47OHM +-5% 1/10W FENGHUA	1
R4231	061G0603104 JI	9JR6100000852	TEST ONLY RST 0603 100K 5% 1/16W TA-I	1
R4232	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R4233	061G0603103 JI	9JR6100000851	TEST ONLY RST 0603 10K 5% 1/16W TA-I	1
R4234	061G0603470 JF	9JR6100000952	RST CHIPR 47OHM +-5% 1/10W FENGHUA	1
R501	061G0603000 JI	9JR6100000931	TEST ONLY RST 0603 0.05R MAX 1/16W TA-I	1
R502	061G0603273 JF	9JR6100000943	RST CHIPR 27KOHM 5% 1/10W FENGHUA	1
R503	061G0603000 JI	9JR6100000931	TEST ONLY RST 0603 0.05R MAX 1/16W TA-I	1
R504	061G0603000 JI	9JR6100000931	TEST ONLY RST 0603 0.05R MAX 1/16W TA-I	1
R507	061G0603103 JI	9JR6100000851	TEST ONLY RST 0603 10K 5% 1/16W TA-I	1
R508	061G0603473 JI	9JR6100000866	TEST ONLY RST 0603 47K 5% 1/16W TA-I	1
R509	061G0603473 JI	9JR6100000866	TEST ONLY RST 0603 47K 5% 1/16W TA-I	1
R510	061G0402101 JI	9JR6100000834	TEST ONLY RST 0402 100R 5% 1/16W TA-I	1
R511	061G0402101 JI	9JR6100000834	TEST ONLY RST 0402 100R 5% 1/16W TA-I	1
R512	061G0402330 JF	9JR6100000919	RST CHIPR 33 OHM +-5% 1/16W FENGHUA	1
R514	061G0402474 JF	9JR6100000925	RST CHIP 470KOHM 5% 1/16W FENGHUA	1
R515	061G0402102 JI	9JR6100000835	TEST ONLY RST 0402 1K 5% 1/16W TA-I	1
R516	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R517	061G0402102 JI	9JR6100000835	TEST ONLY RST 0402 1K 5% 1/16W TA-I	1
R518	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R519	061G0402473 JI	9JR6100000924	TEST ONLY RST 0402 47K 5% 1/16W TA-I	1

R520	061G0402473 JI	9JR6100000924	TEST ONLY RST 0402 47K 5% 1/16W TA-I	1
R521	061G0402101 JI	9JR6100000834	TEST ONLY RST 0402 100R 5% 1/16W TA-I	1
R522	061G0402101 JI	9JR6100000834	TEST ONLY RST 0402 100R 5% 1/16W TA-I	1
R524	061G0402330 JF	9JR6100000919	RST CHIPR 33 OHM +-5% 1/16W FENGHUA	1
R525	061G0402474 JF	9JR6100000925	RST CHIP 470KOHM 5% 1/16W FENGHUA	1
R526	061G0402102 JI	9JR6100000835	TEST ONLY RST 0402 1K 5% 1/16W TA-I	1
R527	061G0402102 JI	9JR6100000835	TEST ONLY RST 0402 1K 5% 1/16W TA-I	1
R528	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R529	061G0402101 JI	9JR6100000834	TEST ONLY RST 0402 100R 5% 1/16W TA-I	1
R530	061G0402101 JI	9JR6100000834	TEST ONLY RST 0402 100R 5% 1/16W TA-I	1
R531	061G0402474 JF	9JR6100000925	RST CHIP 470KOHM 5% 1/16W FENGHUA	1
R532	061G0402102 JI	9JR6100000835	TEST ONLY RST 0402 1K 5% 1/16W TA-I	1
R533	061G0402102 JI	9JR6100000835	TEST ONLY RST 0402 1K 5% 1/16W TA-I	1
R534	061G0603000 JI	9JR6100000931	TEST ONLY RST 0603 0.05R MAX 1/16W TA-I	1
R535	061G0603103 JI	9JR6100000851	TEST ONLY RST 0603 10K 5% 1/16W TA-I	1
R536	061G0603473 JI	9JR6100000866	TEST ONLY RST 0603 47K 5% 1/16W TA-I	1
R537	061G0603473 JI	9JR6100000866	TEST ONLY RST 0603 47K 5% 1/16W TA-I	1
R538	061G0402330 JF	9JR6100000919	RST CHIPR 33 OHM +-5% 1/16W FENGHUA	1
R539	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R540	061G0603472 JI	9JR6100000865	TEST ONLY RST 0603 4.7K 5% 1/16W TA-I	1
R541	061G0603472 JI	9JR6100000865	TEST ONLY RST 0603 4.7K 5% 1/16W TA-I	1
R545	061G0402101 JI	9JR6100000834	TEST ONLY RST 0402 100R 5% 1/16W TA-I	1
R546	061G06034641FI	9JR6100000951	RST 0603 4.64K 1% 1/10W TA-I	1
R547	061G0603103 JI	9JR6100000851	TEST ONLY RST 0603 10K 5% 1/16W TA-I	1
R548	061G0603103 JI	9JR6100000851	TEST ONLY RST 0603 10K 5% 1/16W TA-I	1
R549	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R550	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R562	061G06035101FF	9JR6100000953	RST CHIPR 5.1KOHM +-1% 1/10W FENGHUA	1
R564	061G0402000 JI	9JR6100000833	TEST ONLY RST 0402 0.05R MAX 1/16W TA-I	1
R565	061G0603000 JI	9JR6100000931	TEST ONLY RST 0603 0.05R MAX 1/16W TA-I	1
R566	061G0603000 JI	9JR6100000931	TEST ONLY RST 0603 0.05R MAX 1/16W TA-I	1
R567	061G0603000 JI	9JR6100000931	TEST ONLY RST 0603 0.05R MAX 1/16W TA-I	1
R568	061G0402102 JI	9JR6100000835	TEST ONLY RST 0402 1K 5% 1/16W TA-I	1
R569	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R570	061G0402101 JI	9JR6100000834	TEST ONLY RST 0402 100R 5% 1/16W TA-I	1
R601	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R604	061G0402223 JI	9JR6100000916	TEST ONLY RST 0402 22K 5% 1/16W TA-I	1
R605	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R606	061G0402104 JI	9JR6100000837	TEST ONLY RST 0402 100K 5% 1/16W TA-I	1
R607	061G0402102 JI	9JR6100000835	TEST ONLY RST 0402 1K 5% 1/16W TA-I	1
R608	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R609	061G0603100 JI	9JR6100000846	TEST ONLY RST 0603 10R 5% 1/16W TA-I	1
R611	061G0402000 JI	9JR6100000833	TEST ONLY RST 0402 0.05R MAX 1/16W TA-I	1
R612	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R613	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R614	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R615	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R617	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R618	061G0603100 JI	9JR6100000846	TEST ONLY RST 0603 10R 5% 1/16W TA-I	1
R622	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R624	061G0402473 JI	9JR6100000924	TEST ONLY RST 0402 47K 5% 1/16W TA-I	1
R627	061G0603000 JI	9JR6100000931	TEST ONLY RST 0603 0.05R MAX 1/16W TA-I	1
R628	061G0402473 JI	9JR6100000924	TEST ONLY RST 0402 47K 5% 1/16W TA-I	1
R629	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R630	061G1206100 JF	9JR6100000961	RST CHIPR 10 OHM +-5% 1/4W FENGHUA	1
R631	061G0402512 JF	9JR6100000927	RST CHIP 5K1 1/16W 5% FENGHUA	1
R632	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R634	061G0402000 JI	9JR6100000833	TEST ONLY RST 0402 0.05R MAX 1/16W TA-I	1
R637	061G04021000FI	9JR6100000913	RST 0402 100R 1% 1/16W TA-I	1
R638	061G04021000FI	9JR6100000913	RST 0402 100R 1% 1/16W TA-I	1
R639	061G0402100 JI	9JR6100000912	RST 0402 10R 5% 1/16W TA-I	1
R640	061G0402100 JI	9JR6100000912	RST 0402 10R 5% 1/16W TA-I	1
R641	061G0402100 JI	9JR6100000912	RST 0402 10R 5% 1/16W TA-I	1
R642	061G0402100 JI	9JR6100000912	RST 0402 10R 5% 1/16W TA-I	1
R643	061G0402000 JI	9JR6100000833	TEST ONLY RST 0402 0.05R MAX 1/16W TA-I	1
R644	061G0402000 JI	9JR6100000833	TEST ONLY RST 0402 0.05R MAX 1/16W TA-I	1
R647	061G04024700FF	9JR6100000922	RST CHIP 470R 1/16W 1% FENGHUA	1

R648	061G04024700FF	9JR6100000922	RST CHIP 470R 1/16W 1% FENGHUA	1
R701	061G0603223 JI	9JR6100000941	RST 0603 22K 5% 1/10W TA-I	1
R702	061G0603333 JF	9JR6100000949	RST CHIPR 33KOHM 1/10W FENGHUA	1
R703	061G0805103 JF	9JR6100000960	RST CHIPR 10K OHM +-5% 1/8W FENGHUA	1
R704	061G0402101 JI	9JR6100000834	TEST ONLY RST 0402 100R 5% 1/16W TA-I	1
R705	061G0402272 JF	9JR6100000917	RST CHIP 2K7 1/16W 5% FENGHUA	1
R707	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R708	061G0603333 JF	9JR6100000949	RST CHIPR 33KOHM 1/10W FENGHUA	1
R710	061G0402102 JI	9JR6100000835	TEST ONLY RST 0402 1K 5% 1/16W TA-I	1
R711	061G0603223 JI	9JR6100000941	RST 0603 22K 5% 1/10W TA-I	1
R712	061G0402102 JI	9JR6100000835	TEST ONLY RST 0402 1K 5% 1/16W TA-I	1
R714	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R715	061G0603000 JI	9JR6100000931	TEST ONLY RST 0603 0.05R MAX 1/16W TA-I	1
R716	061G0603000 JI	9JR6100000931	TEST ONLY RST 0603 0.05R MAX 1/16W TA-I	1
R717	061G06031200FF	9JR6100000934	RST CHIPR 120 OHM +-1% 1/10W FENGHUA	1
R718	061G06031001FI	9JR6100000847	TEST ONLY RST 0603 1K 1% 1/10W TA-I	1
R719	061G06031501FI	9JR6100000935	TEST ONLY RST 0603 1.5K 1% 1/10W TA-I	1
R720	061G06033001FI	9JR6100000944	TEST ONLY RST 0603 3K 1% 1/10W TA-I	1
R721	061G06031002FI	9JR6100000848	TEST ONLY RST 0603 10K 5% 1/16W TA-I	1
R722	061G06031002FI	9JR6100000848	TEST ONLY RST 0603 10K 5% 1/16W TA-I	1
R723	061G06033002FF	9JR6100000945	RST CHIPR 30KOHM +-1% 1/10W FENGHUA	1
R725	061G0603000 JI	9JR6100000931	TEST ONLY RST 0603 0.05R MAX 1/16W TA-I	1
R726	061G0603000 JI	9JR6100000931	TEST ONLY RST 0603 0.05R MAX 1/16W TA-I	1
R727	061G12060004JF	9JR6100000872	RST CHIPR MAX0R05 4A 1/4W FENGHUA	1
R731	061G06035609FF	9JR6100000955	RST CHIPR 56 OHM +-1% 1/10W FENGHUA	1
R750	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R752	061G0603512 JI	9JR6100000868	TEST ONLY RST 0603 5.1K 5% 1/16W TA-I	1
R753	061G12060004JF	9JR6100000872	RST CHIPR MAX0R05 4A 1/4W FENGHUA	1
R755	061G0603103 JI	9JR6100000851	TEST ONLY RST 0603 10K 5% 1/16W TA-I	1
R756	061G06031200FF	9JR6100000934	RST CHIPR 120 OHM +-1% 1/10W FENGHUA	1
R757	061G0603109 JF	9JR6100000933	RST CHIP 1R 1/10W 5% FENGHUA	1
R758	061G0603752 JI	9JR6100000959	TEST ONLY RST 0603 7.5K 5% 1/16W TA-I	1
R759	061G06032002FF	9JR6100000937	RST CHIPR 20KOHM +-1% 1/10W FENGHUA	1
R760	061G06032202FF	9JR6100000939	RST CHIPR 22KOHM +-1% 1/10W FENGHUA	1
R761	061G06034701FF	9JR6100000863	RST CHIPR 4.7KOHM +-1% 1/10W FENGHUA	1
R762	061G06031200FF	9JR6100000934	RST CHIPR 120 OHM +-1% 1/10W FENGHUA	1
R763	061G0603109 JF	9JR6100000933	RST CHIP 1R 1/10W 5% FENGHUA	1
RP1000	061G 1260008JY	9JR6100000873	RST CHIP AR 8P4R 0 OHM +-5% 1/16W	1
RP1001	061G 1260008JY	9JR6100000873	RST CHIP AR 8P4R 0 OHM +-5% 1/16W	1
RP1002	061G 1260008JY	9JR6100000873	RST CHIP AR 8P4R 0 OHM +-5% 1/16W	1
RP1003	061G 1260008JY	9JR6100000873	RST CHIP AR 8P4R 0 OHM +-5% 1/16W	1
RP4100	061G 1265608JY	9JR6100000874	RST CHIP ARRAY 56R 1/16W 5% 8P4R	1
RP4101	061G 1265608JY	9JR6100000874	RST CHIP ARRAY 56R 1/16W 5% 8P4R	1
RP4102	061G 1265608JY	9JR6100000874	RST CHIP ARRAY 56R 1/16W 5% 8P4R	1
RP4103	061G 1265608JY	9JR6100000874	RST CHIP ARRAY 56R 1/16W 5% 8P4R	1
RP4104	061G 1265608JY	9JR6100000874	RST CHIP ARRAY 56R 1/16W 5% 8P4R	1
RP4105	061G 1265608JY	9JR6100000874	RST CHIP ARRAY 56R 1/16W 5% 8P4R	1
RP4106	061G 1265608JY	9JR6100000874	RST CHIP ARRAY 56R 1/16W 5% 8P4R	1
RP4107	061G 1265608JY	9JR6100000874	RST CHIP ARRAY 56R 1/16W 5% 8P4R	1
RP4108	061G 1265608JY	9JR6100000874	RST CHIP ARRAY 56R 1/16W 5% 8P4R	1
RP4109	061G 1265608JY	9JR6100000874	RST CHIP ARRAY 56R 1/16W 5% 8P4R	1
RP4110	061G 1265608JY	9JR6100000874	RST CHIP ARRAY 56R 1/16W 5% 8P4R	1
RP4111	061G 1265608JY	9JR6100000874	RST CHIP ARRAY 56R 1/16W 5% 8P4R	1
TH4050	061G 56A050 WT	9JR6100000432	SMD PTC 0.5A KMC3S050RY 1206	1
TU102	094G DVB T10P	9JR9400000008	TUNER DVB-T With Analog FH2607	1
U101	056G 575 14	9JR5600000174	IC Si2163 QFN-36	1
U102	056G 623906	9JR5600000078	IC NLASB3157DFT2G SC-88	1
U106	056G 616 35	9JR5600000177	IC NJM4580V-TE2 SSOP8	1
U107	056G 616 35	9JR5600000177	IC NJM4580V-TE2 SSOP8	1
U108	056G 133507	9JR5600000170	IC AS78L12RTR-G1 12V SOT-89 BCD	1
U110	056G1133955	9JR5600000106	IC CAT24C02YI-GT3 TSSOP-8	1
U401	056G 562355	9JR5600000192	SCALER MT5363LYYG BGA 27*27mm	1
U402	056G 615918	9JR5600000095	IC NT5TU32M16CG-BD BGA-84	1
U403	056G 615918	9JR5600000095	IC NT5TU32M16CG-BD BGA-84	1
U4051	705TPA56098	9JR7050000248	NAND FLASH ASSY (U4051)	1
U409	705TPA56096	9JR7050000247	SERIAL IIC EEPROM ASSY (U409)(AUO-NUTUNE	1
U410	056G 643 46	9JR5600000200	IC Reset AZ809ANSTR-E1 SOT-23 2.93V	1

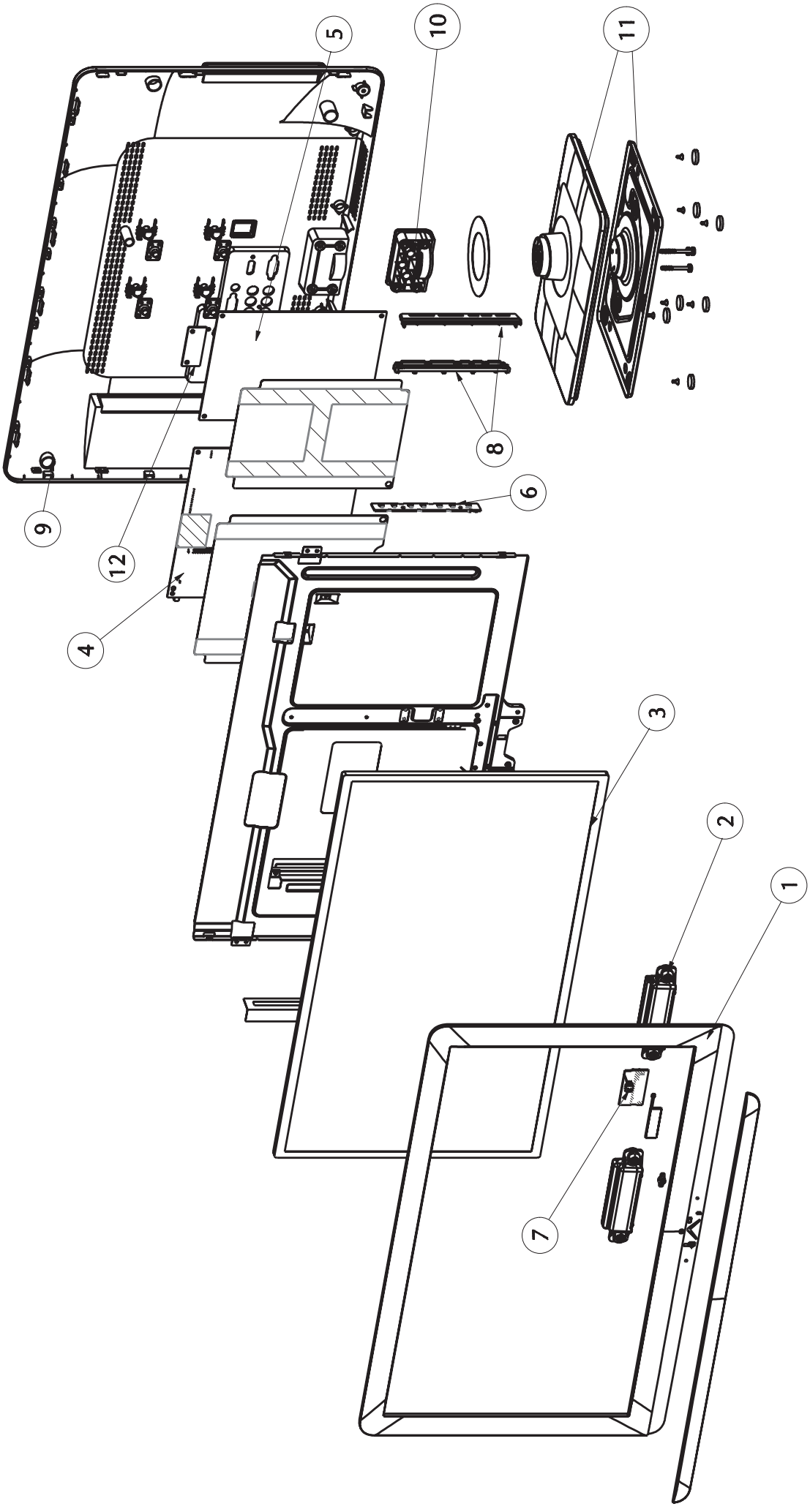
U411	056G 665528	9JR5600000180	IC G5250M1T1U 1A SOT23-5	1
U4150	056G 623906	9JR5600000078	IC NLASB3157DFT2G SC-88	1
U501	056G 623 33	9JR5600000187	IC TMDS351PAG TQFP-64	1
U502	056G1133955	9JR5600000106	IC CAT24C02YI-GT3 TSSOP-8	1
U503	056G1133955	9JR5600000106	IC CAT24C02YI-GT3 TSSOP-8	1
U504	056G1133913	9JR5600000107	IC M24C02-WDW6P TSSOP8	1
U601	056G 616 54	9JR5600000178	IC TPA3110D2 15W TSSOP-28	1
U602	056G 616 59	9JR5600000179	IC TPA6132A2RTER 25mW QFN-16	1
U701	056G 563203	9JR5600000173	IC MP2212DN SOIC8E	1
U702	056G 563203	9JR5600000173	IC MP2212DN SOIC8E	1
U703	056G 563152	9JR5600000091	IC G1117T43Uf TO-252	1
U751	056G 563149	9JR5600000172	IC G903T63UF 0.6A/3.3V SOT-223	1
U753	056G 563152	9JR5600000091	IC G1117T43Uf TO-252	1
U754	056G 563126	9JR5600000089	IC G1117T63Uf SOT-223	1
U755	056G 563964	9JR5600000059	IC SC4215HSETRT SO-8	1
X1000	093G 22S928 C	9JR9300000166	CRYSTAL 7B16000195 20P 30PPM	1
X4150	093G 22S922 C	9JR9300000126	Crystal 54Mhz 10p SMD-49	1
ZD1051	093G 39GA28 T	9JR9300000116	ZENER DIODE RLZ13B SEMTECH	1
ZD1052	093G 39P599 T	9JR9300000117	MM3Z5V6B	1
ZD1055	093G 39GA28 T	9JR9300000116	ZENER DIODE RLZ13B SEMTECH	1
ZD1056	093G 39P599 T	9JR9300000117	MM3Z5V6B	1
ZD1057	093G 39P599 T	9JR9300000117	MM3Z5V6B	1
ZD1063	093G 39P599 T	9JR9300000117	MM3Z5V6B	1
ZD1064	093G 39P599 T	9JR9300000117	MM3Z5V6B	1
ZD1065	093G 39P599 T	9JR9300000117	MM3Z5V6B	1
ZD1066	093G 39P599 T	9JR9300000117	MM3Z5V6B	1
ZD1067	093G 39P599 T	9JR9300000117	MM3Z5V6B	1
ZD1068	093G 39P599 T	9JR9300000117	MM3Z5V6B	1
ZD1150	093G 39P599 T	9JR9300000117	MM3Z5V6B	1
ZD1151	093G 39P599 T	9JR9300000117	MM3Z5V6B	1
ZD1152	093G 39P599 T	9JR9300000117	MM3Z5V6B	1
ZD1153	093G 39P599 T	9JR9300000117	MM3Z5V6B	1
ZD1154	093G 39P599 T	9JR9300000117	MM3Z5V6B	1
ZD1155	093G 39P599 T	9JR9300000117	MM3Z5V6B	1
ZD1160	093G 39P599 T	9JR9300000117	MM3Z5V6B	1
ZD1161	093G 39P599 T	9JR9300000117	MM3Z5V6B	1
ZD1162	093G 39P599 T	9JR9300000117	MM3Z5V6B	1
ZD1163	093G 39P599 T	9JR9300000117	MM3Z5V6B	1
ZD1169	093G 39P599 T	9JR9300000117	MM3Z5V6B	1

[2] CABINET PARTS(LC-19LE320)



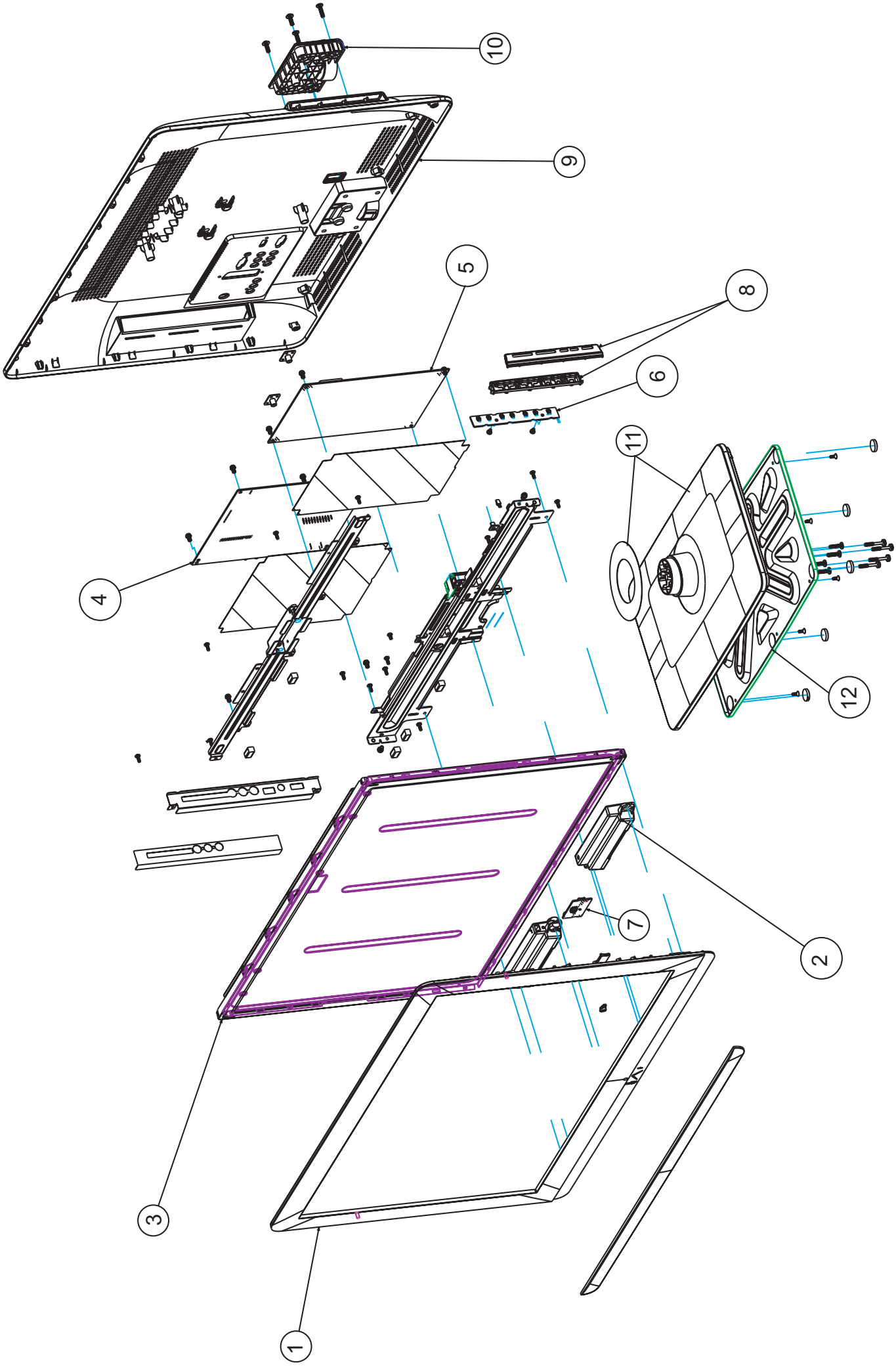
NO.	PARTS CODE	Sharp Code	DESCRIPTION
CABINET PARTS(LC-19LE320E(AUO))			
1	705TZA34126	9JR7050000218	BEZEL ASSY
2	078G035A 10 M	9JR7800000024	SPEAKER 16 OHM 3.5W 80X23 230/290
3	750GLU185X1634M0BQ	9JR7500000029	PANEL M185XW01 V60B SH
4	CBPFA4ABP7	9JR9900000081	MAIN PCB ASSY(NUTUNE TUNER)
5	ADTVA3615PA4	9JR9900000079	POWER PCB ASSY
6	KEPFAPA1	9JR9900000060	KEY PCB ASSY
7	IRPFAPA4	9JR9900000059	IR PCB ASSY
8	705TZA3461A	9JR7050000146	KEY COVER ASSY
9	705TZA34127	9JR7050000219	REAR COVER ASSY
10	P34T0452PAT 1T0100	9JR3400000011	BASE_NECK
11	705TZA3463A	9JR7050000148	BASE ASSY
12	PTPFAPA5	9JR9900000068	Interface PCB Assy

CABINET PARTS(LC-22LE320)



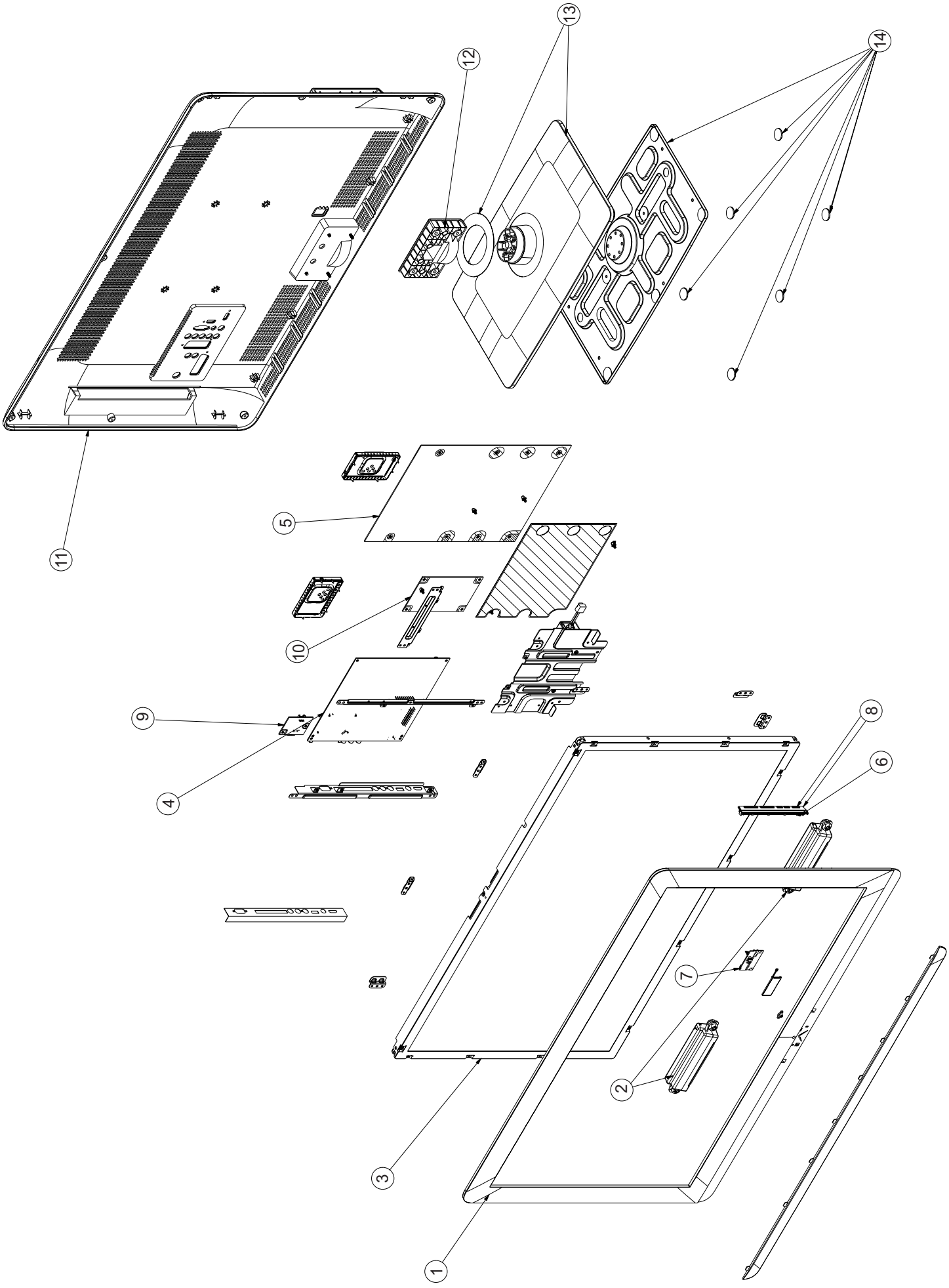
NO.	PARTS CODE	Sharp Code	DESCRIPTION
CABINET PARTS(LC-22LE320E(AUO))			
1	705TZA3460A	9JR7050000145	BEZEL ASSY
2	078G035A 7 M	9JR7800000014	SPEAKER 16 OHM 3.5W 290/260mm 80X23mm
3	750GLU215H1611N000	9JR7500000027	PANEL M215HW01 V600 TW AUO
4	CBPFA4ABP1	9JR9900000058	MAIN PCB ASSY
5	ADTVA3615PA1	9JR9900000057	POWER PCB ASSY
6	KEPFAPA1	9JR9900000060	KEY PCB ASSY
7	IRPFAPA4	9JR9900000059	IR PCB ASSY
8	705TZA3461A	9JR7050000146	KEY COVER ASSY
9	705TZA3462A	9JR7050000147	REAR COVER ASSY
10	P34T0452PAT 1T0100	9JR3400000011	BASE_NECK
11	705TZA3463A	9JR7050000148	BASE ASSY
12	PTPFAPA1	9JR9900000067	Interface PCB Assy

CABINET PARTS(LC-26LE320)



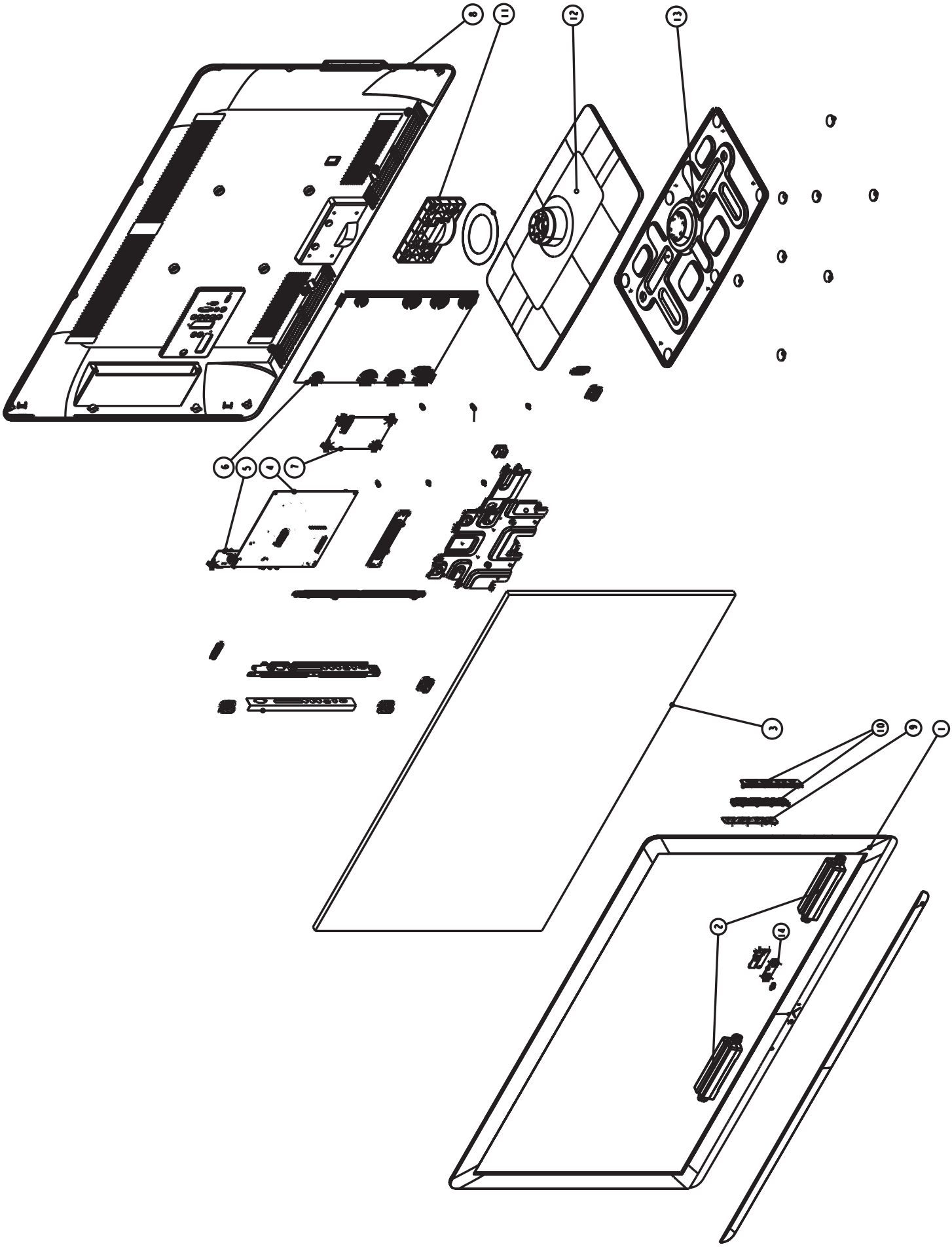
NO.	PARTS CODE	Sharp Code	DESCRIPTION
CABINET PARTS(LC-26LE320E(AUO))			
1	705TZA34010	9JR7050000193	BEZEL ASSY
2	078G055A 9 Y	9JR7800000019	SPEAKER 16 OHM 5.5W 125X30mm 350/260mm
3	750TVU260W6111N000	9JR7500000032	PANEL T260XW06 V1 TW AUO
4	CBPFA4ABP2	9JR9900000071	MAIN PCB ASSY(Nutune TUNER)
5	ADTVA2432PA1	9JR9900000069	POWER PCB ASSY
6	KEPFAPA1	9JR9900000060	KEY PCB ASSY
7	IRPFAPA4	9JR9900000059	IR PCB ASSY
8	705TZA3461A	9JR7050000146	KEY COVER ASSY
9	705TZA34012	9JR7050000194	REAR COVER ASSY
10	P34T0460PAT 1T0100	9JR3400000013	BASE_NECK
11	705TZA34013	9JR7050000195	BASE COVER ASSY
12	705TZA1518A	9JR7050000188	BASE PLATE ASSY

CABINET PARTS(LC-32LE320)



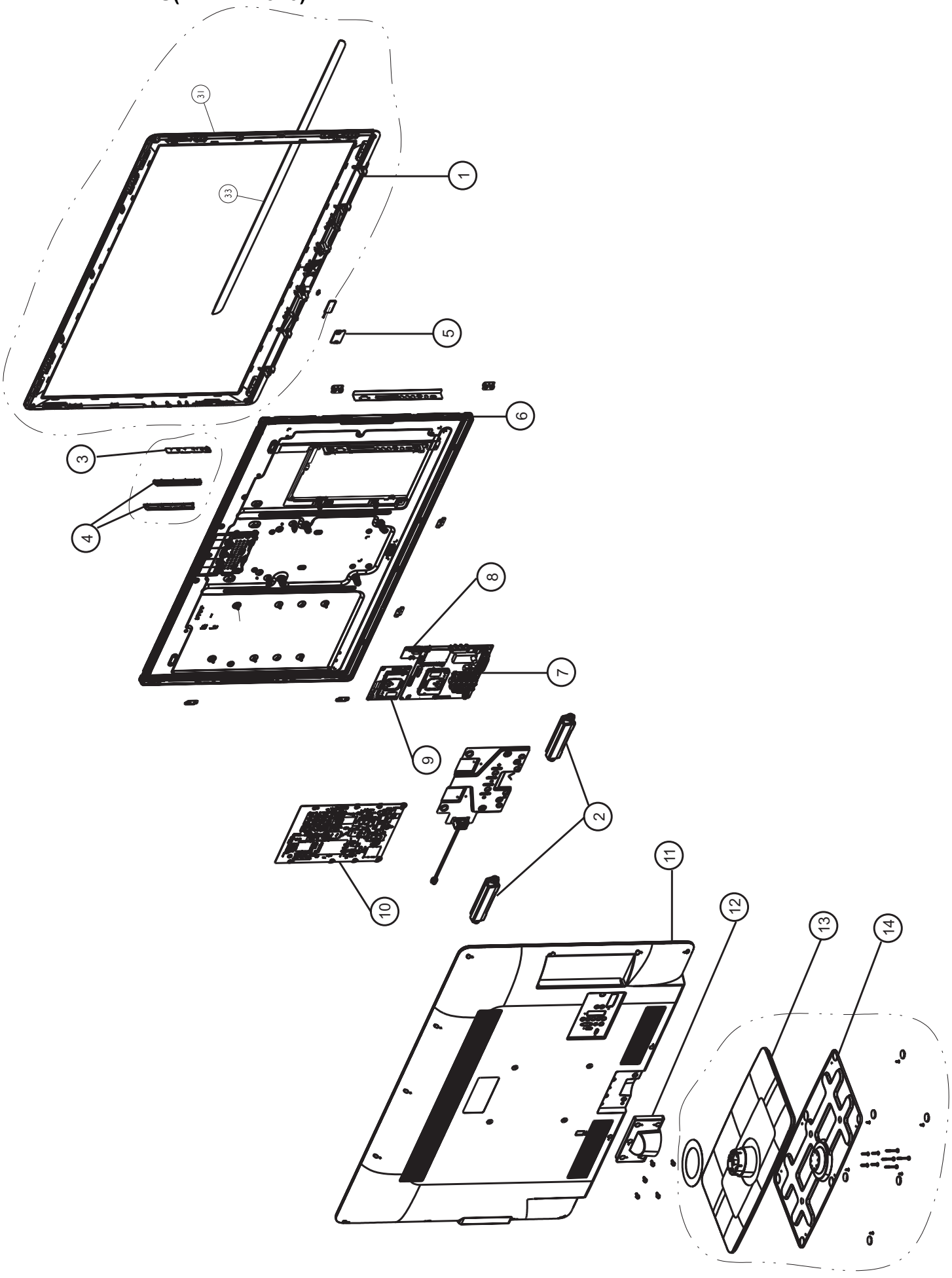
NO.	PARTS CODE	Sharp Code	DESCRIPTION
CABINET PARTS(LC-32LE320E(AUO))			
1	705TZA34074	9JR7050000196	BEZEL ASSY
2	078G120A 18 M	9JR7800000020	SPEAKER 16 12W 130X30 550/350
3	750TVU315W5111N000	9JR7500000033	PANEL T315HW05 V1 TW AUO
4	CBPFA4ABP5	9JR9900000074	MAIN PCB ASSY(LG TUNER)
5	ADTVA6060PA1	9JR9900000070	POWER PCB ASSY
6	KEPFAPA1	9JR9900000060	KEY PCB ASSY
7	IRPFAPA4	9JR9900000059	IR PCB ASSY
8	705TZA3461A	9JR7050000146	KEY COVER ASSY
9	PTPFAPA3	9JR9900000076	RS232 PCB ASSY
10	PTPFAPA2	9JR9900000075	MEMC PCB ASSY
11	P34T0463PAT 1T0100	9JR3400000014	REAR_COVER_EU
12	P34T0465PAT 1T0100	9JR3400000015	BASE_NECK
13	705TZA34075	9JR7050000197	BASE COVER ASSY
14	705TZA1528A	9JR7050000190	BASE BRACKET ASSY

CABINET PARTS(LC-37LE320)



NO.	PARTS CODE	Sharp Code	DESCRIPTION
CABINET PARTS(LC-37LE320E(AUO))			
1	705TZA34168	9JR7050000260	BEZEL ASSY
2	078G120A 24 Y	9JR7800000028	SPEAKER 16 OHM 12W 600/320mm 130X30mm
3	750TVU370H4111N000	9JR7500000043	PANEL T370HW04 V1 TW AUO
4	CBPFA4ABP9	9JR9900000094	MAIN PCB ASSY(Nutune TUNER)
5	PTPFAPA3	9JR9900000076	RS232 PCB ASSY
6	ADTV7078PA1	9JR9900000091	POWER PCB ASSY
7	PTPFAPA2	9JR9900000075	MEMC PCB ASSY
8	P34T0473PAT 1T0100	9JR3400000022	REAR_COVER
9	KEPFAPA1	9JR9900000060	KEY PCB ASSY
10	705TZA3461A	9JR7050000146	KEY COVER ASSY
11	P34T0475PAT 1T0100	9JR3400000023	BASE_NECK
12	705TZA34167	9JR7050000259	BASE COVER ASSY
13	P15T0722101		BRACKET_BASE
14	IRPFAPA4	9JR9900000059	IR PCB ASSY

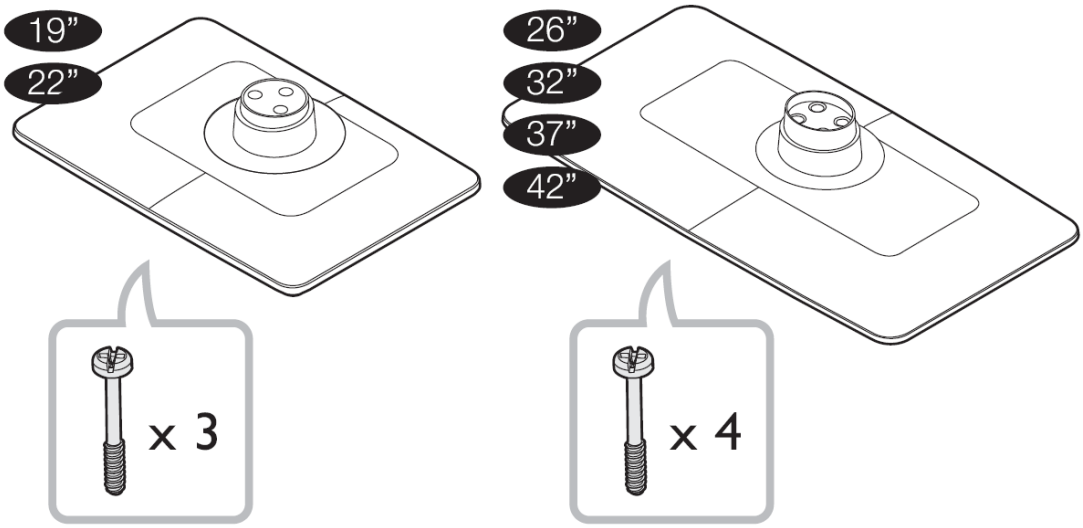
CABINET PARTS(LC-42LE320)



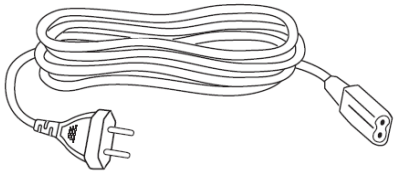
NO.	PARTS CODE	Sharp Code	DESCRIPTION
CABINET PARTS(LC-42LE320E(AUO))			
1	705TZA34177	9JR7050000261	BEZEL ASSY
2	078G120A 25 M	9JR7800000029	SPEAKER 16 OHM 12W 700/400mm 130X30mm
3	KEPFAPA1	9JR9900000060	KEY PCB ASSY
4	705TZA3461A	9JR7050000146	KEY COVER ASSY
5	IRPFAPA4	9JR9900000059	IR PCB ASSY
6	750TVU420H7111N000	9JR7500000044	PANEL T420HW07 V1 TW AUO
7	CBPFA4ABPB	9JR9900000096	MAIN PCB ASSY(Nutune TUNER)
8	PTPFAPA3	9JR9900000076	RS232 PCB ASSY
9	PTPFAPA2	9JR9900000075	MEMC PCB ASSY
10	ADTVA8885PA1	9JR9900000092	POWER PCB ASSY
11	P34T0468PAT 1T0100	9JR3400000020	REAR_COVER
12	P34T0470PAT 1T0100	9JR3400000021	BASE_NECK_EU
13	705TZA34178	9JR7050000262	BASE COVER ASSY
14	P15T0737101	9JR1500000036	BRACKET_BASE

[3] SUPPLIED ACCESSOORIES

Stand unit and screws



AC cord (x1)
Product shape varies in some countries

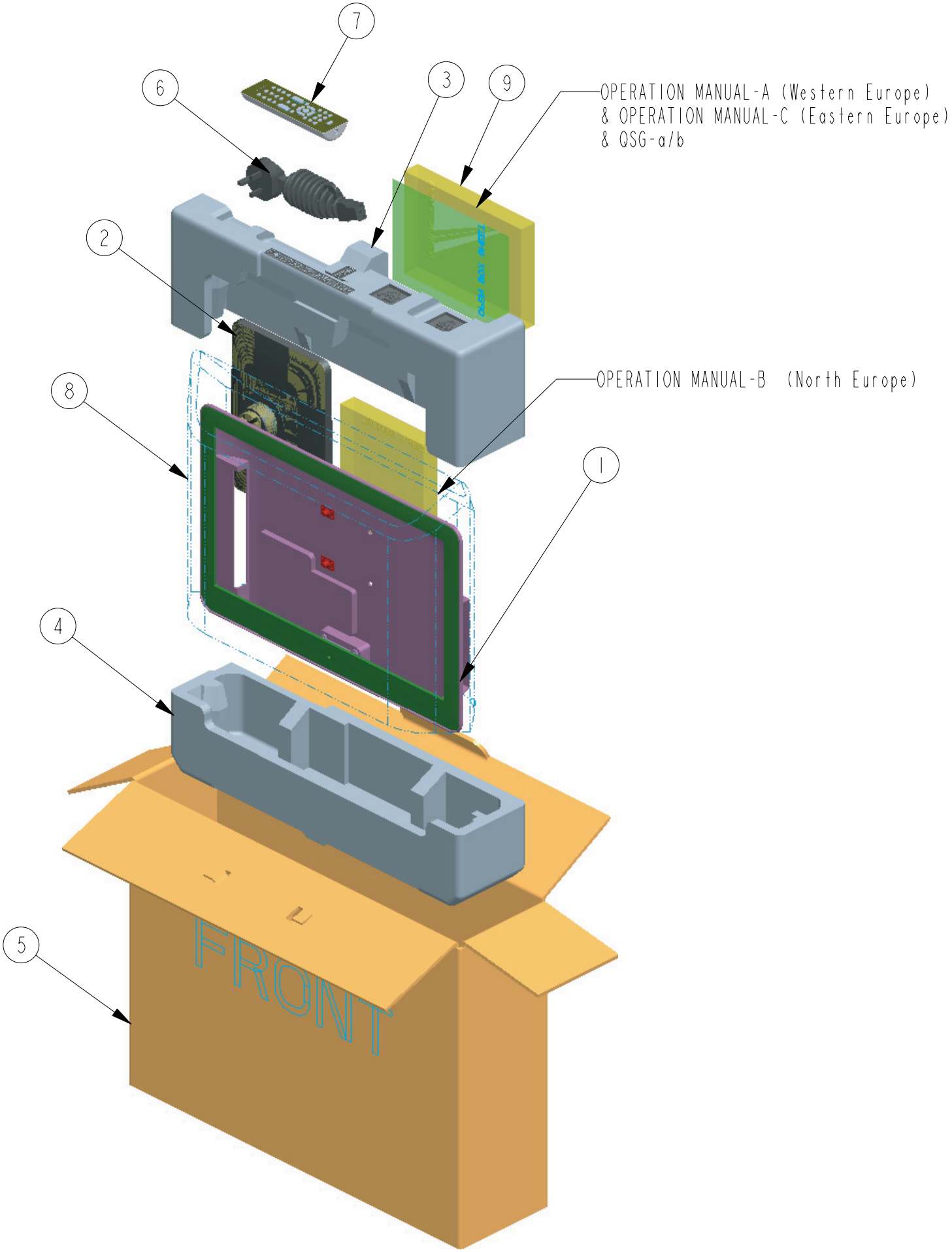


Remote control (×1)
AAA battery (×2)

Operation Manual

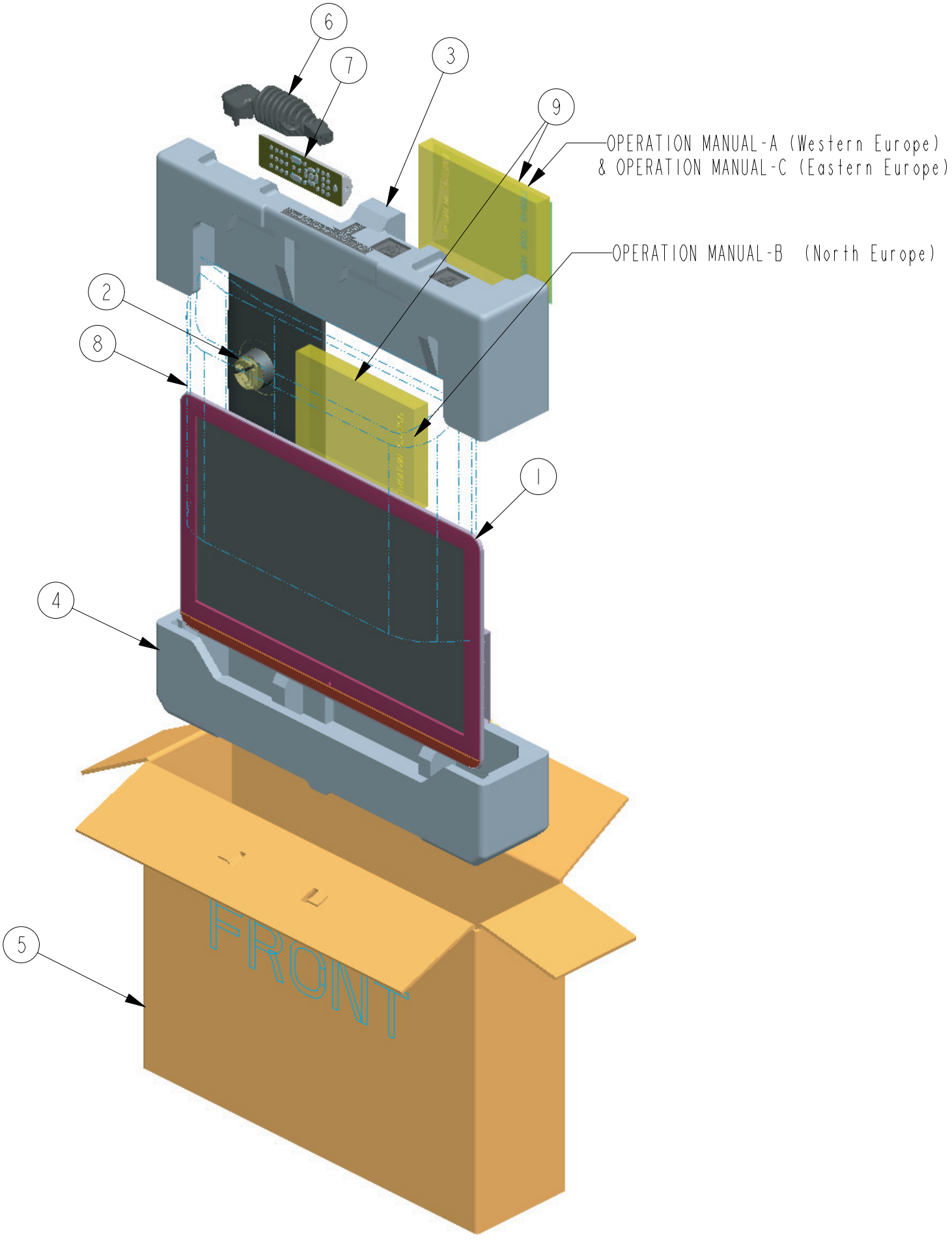
Quick Setup Guide

[4] 19" PACKING PARTS



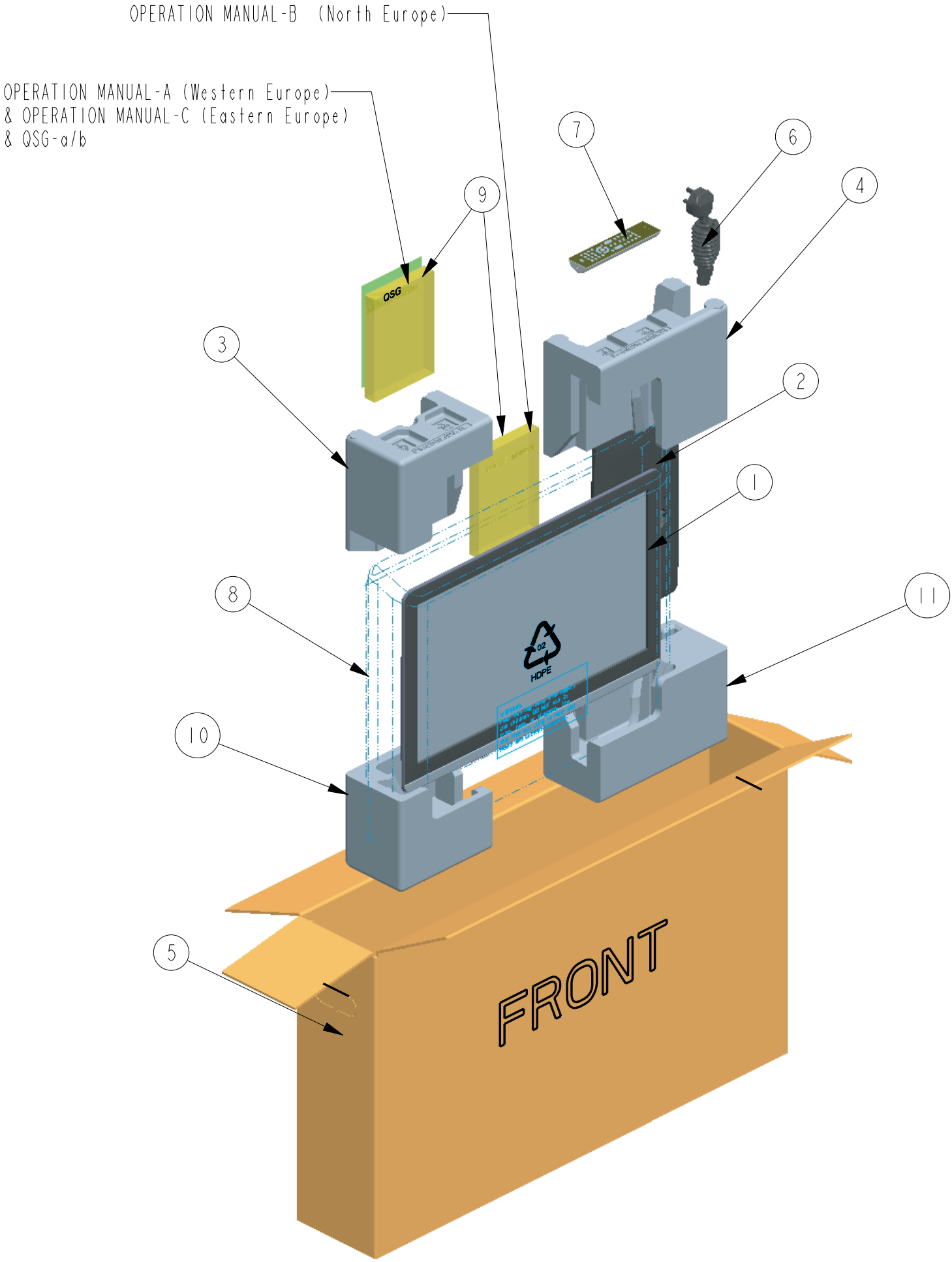
NO.	PARTS CODE	Sharp Code	DESCRIPTION
[2] PACKING PARTS (LC-19LE320E(AUO))			
1			SET BODY
2	705TZA3463A	9JR7050000148	BASE ASSY
3	P44G9022101	9JR4400000064	CUSHION_TOP
4	P44G9022201	9JR4400000065	CUSHION_BTM
5	P44G9022843 2A	9JR4400000080	CARTON
6	089G204A15NLS1	9JR8900000009	POWER CORD 1.5M PE8C5Z1B90A-04B
7	098GRABD2NESPJ	9JR9800000005	REMOTE CONTROL RC-SHARP-420 FOR SHARP
8	P45G 46026	9JR4500000010	PE BAG(560X450-0.72mm)
9	705TZA4106B	9JR7050000198	DFU ASSY(Western Europe)(Eastern Europe)
9	705TZA4107A	9JR7050000150	DFU ASSY(North Europe)

[4] 22" PACKING PARTS



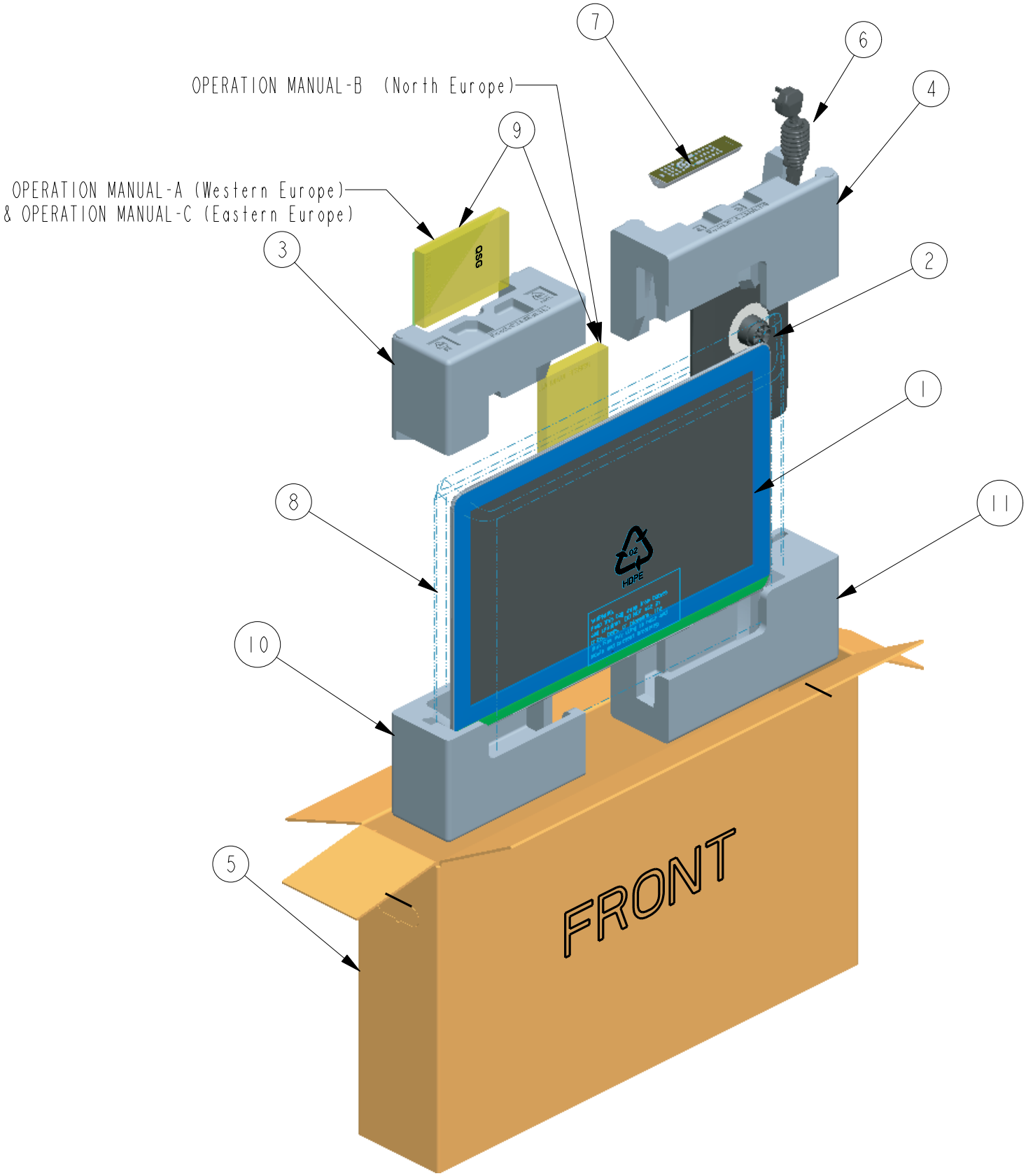
NO.	PARTS CODE	Sharp Code	DESCRIPTION
[2] PACKING PARTS (LC-22LE320E(AUO))			
1			SET BODY
2	705TZA3463A	9JR7050000148	BASE ASSY
3	P44GC004101	9JR4400000061	CUSHION_TOP
4	P44GC004201	9JR4400000062	CUSHION_BTM
5	P44GC004843 2A	9JR4400000063	CARTON
6	089G204A15NLS1	9JR8900000009	POWER CORD 1.5M PE8C5Z1B90A-04B
7	098GRABD2NESPJ	9JR9800000005	REMOTE CONTROL RC-SHARP-420 FOR SHARP
8	Q45T 99609 78	9JR4500000012	EPE COVER FOR MONITOR
9	705TZA4106A	9JR7050000149	DFU ASSY(Western Europe)(Eastern Europe)
9	705TZA4107A	9JR7050000150	DFU ASSY(North Europe)

26” PACKING PARTS



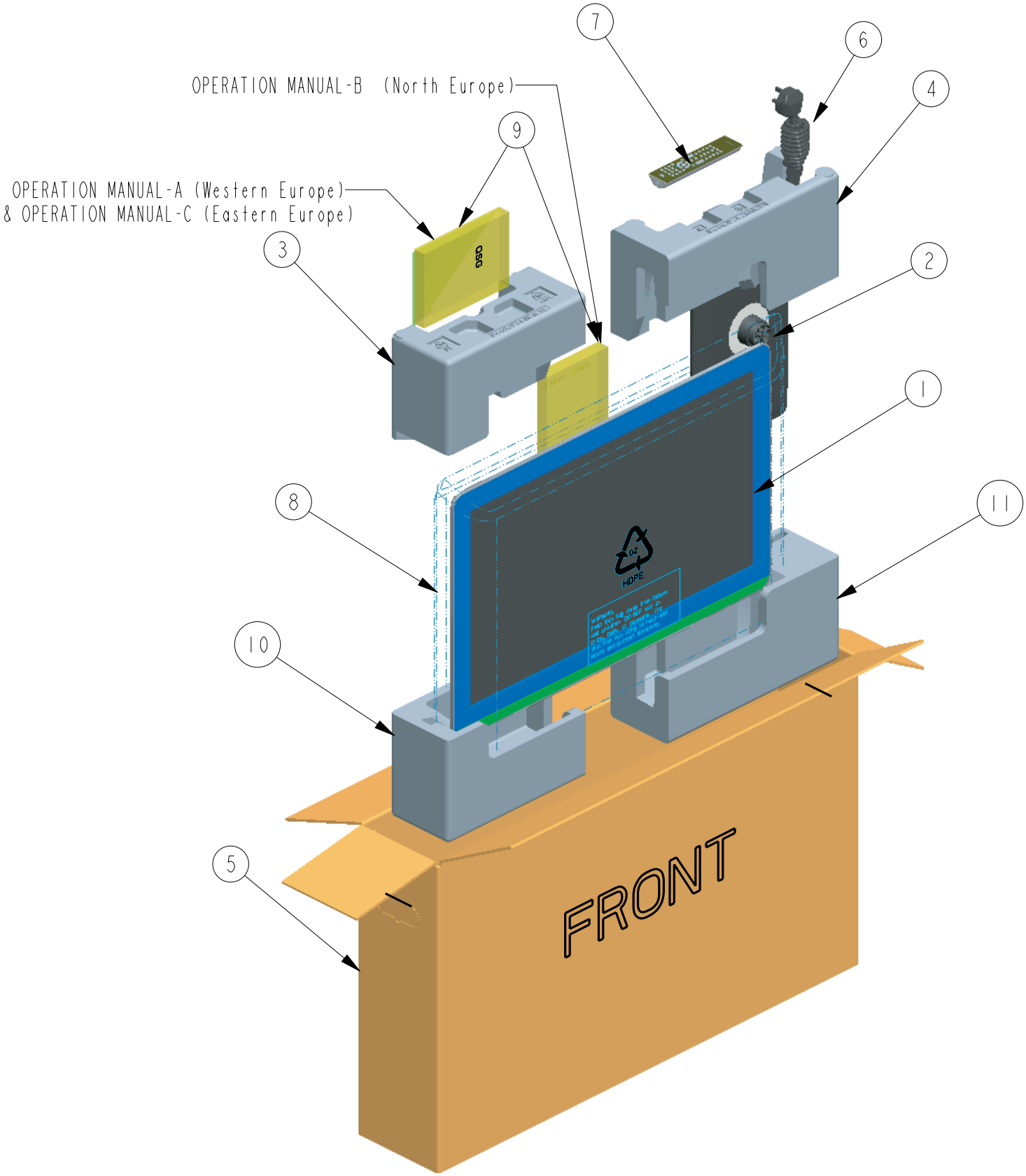
NO.	PARTS CODE	Sharp Code	DESCRIPTION
[2] PACKING PARTS (LC-26LE320E(AUO))			
1			SET BODY
2	705TZA34013	9JR7050000195	BASE COVER ASSY
2	705TZA1518A	9JR7050000188	BASE PLATE ASSY
3	P44GE018101	9JR4400000069	CUSHION_TL
4	P44GE018201	9JR4400000070	CUSHION_TR
5	705TZA4404A	9JR7050000199	Carton Assy
6	089G204A15NLS1	9JR8900000009	POWER CORD 1.5M PE8C5Z1B90A-04B
7	098GRABD2NESPJ	9JR9800000005	REMOTE CONTROL RC-SHARP-420 FOR SHARP
8	P45T 46025	9JR4500000007	PE BAG(800X650-0.72mm)
9	705TZA4106A	9JR7050000149	DFU ASSY(Western Europe)(Eastern Europe)
9	705TZA4107A	9JR7050000150	DFU ASSY(North Europe)
10	P44GE018301	9JR4400000071	CUSHION_BL
11	P44GE018401	9JR4400000072	CUSHION_BR

32” PACKING PARTS



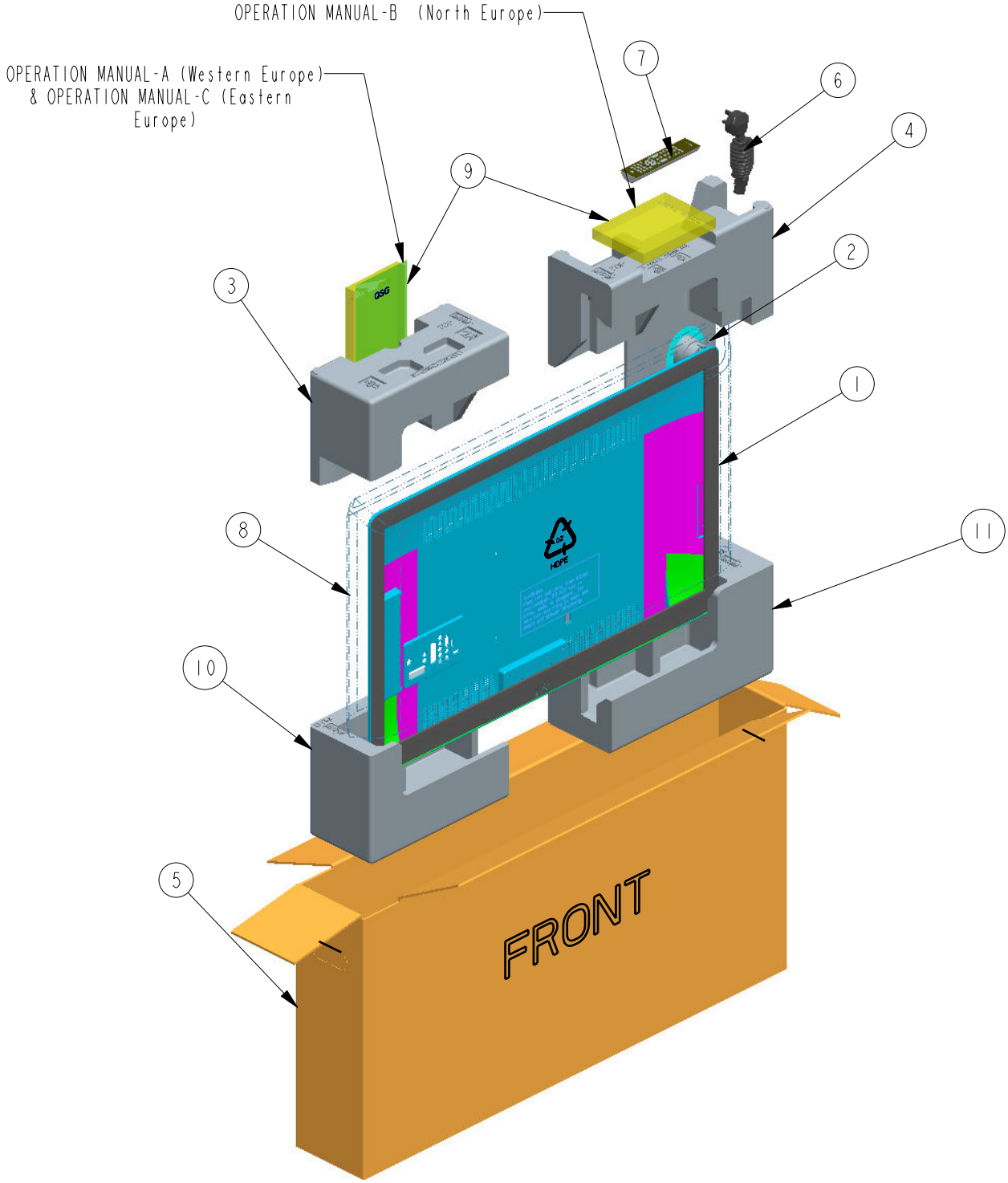
NO.	PARTS CODE	Sharp Code	DESCRIPTION
[2] PACKING PARTS (LC-32LE320E(AUO))			
1			SET BODY
2	705TZA34075	9JR7050000197	BASE COVER ASSY
2	705TZA1528A	9JR7050000190	BASE BRACKET ASSY
3	P44GJ024101	9JR4400000074	CUSHION_TL
4	P44GJ024201	9JR4400000075	CUSHION_TR
5	P44GJ024843 2A	9JR4400000078	CARTON
6	089G204A15NLS1	9JR8900000009	POWER CORD 1.5M PE8C5Z1B90A-04B
7	098GRABD2NESPJ	9JR9800000005	REMOTE CONTROL RC-SHARP-420 FOR SHARP
8	P45T 46024	9JR4500000006	PE BAG(950X735x0.72mm)
9	705TZA4106B	9JR7050000198	DFU ASSY(Western Europe)(Eastern Europe)
9	705TZA4107A	9JR7050000150	DFU ASSY(North Europe)
10	P44GJ024301	9JR4400000076	CUSHION_BL
11	P44GJ024401	9JR4400000077	CUSHION_BR

37” PACKING PARTS



NO.	PARTS CODE	Sharp Code	DESCRIPTION
[2] PACKING PARTS (LC-37LE320E(AUO))			
1			SET BODY
2	705TZA34167	9JR7050000259	BASE COVER ASSY
2	P15T0722101	9JR1500000037	BRACKET_BASE
2	P12T 61036	9JR1200000008	RUBBER PAD (ϕ 20X2t)
3	P44GL012101	9JR4400000089	CUSHION_TL
4	P44GL012201	9JR4400000090	CUSHION_TR
5	P44GL012843 1A	9JR4400000093	CARTON
6	089G204A15NLS1	9JR8900000009	POWER CORD 1.5M PE8C5Z1B90A-04B
7	098GRABD2NESPJ	9JR9800000005	REMOTE CONTROL RC-SHARP-420 FOR SHARP
8	P45G9901001	9JR4500000015	PE bag(520*740)
9	705TZA4106C	9JR7050000267	DFU ASSY(Western Europe)(Eastern Europe)
9	705TZA4107A	9JR7050000150	DFU ASSY(North Europe)
10	P44GL012301	9JR4400000091	CUSHION_BL
11	P44GL012401	9JR4400000092	CUSHION_BR

42” PACKING PARTS



NO.	PARTS CODE	Sharp Code	DESCRIPTION
[2] PACKING PARTS (LC-42LE320E(AUO))			
1			SET BODY
2	705TZA34178	9JR7050000262	BASE COVER ASSY
2	P15T0737101	9JR1500000036	BRACKET_BASE
2	P12T 61036	9JR1200000008	RUBBER PAD (ϕ 20X2t)
3	P44GN024101	9JR4400000094	CUSHION_TL
4	P44GN024201	9JR4400000095	CUSHION_TR
5	P44GN024843 2A	9JR4400000098	CARTON
6	089G204A15NLS1	9JR8900000009	POWER CORD 1.5M PE8C5Z1B90A-04B
7	098GRABD2NESPJ	9JR9800000005	REMOTE CONTROL RC-SHARP-420 FOR SHARP
8	P45T 46023	9JR4500000008	PE BAG(1200X1000x0.72mm)
9	705TZA4106C	9JR7050000267	DFU ASSY(Western Europe)(Eastern Europe)
9	705TZA4107A	9JR7050000150	DFU ASSY(North Europe)
10	P44GN024301	9JR4400000096	CUSHION_BL
11	P44GN024401	9JR4400000097	CUSHION_BR

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SHARP ELECTRONICS(Europe) GmbH
Sonnistraße 3, D-20097 Hamburg

ADTVA3615PA4

Item	TPV Code Number	SHARP Parts Code	Description	Qty.
BD901	093G 50460920	9JR9300000171	BRIDGE DIODE KBJ408G-F KBJ	1
C801	065G080510432K Y	9JR6500000168	CAP CHIP 0805 100N 50V X7R +/-10%	1
C802	067G215P2714KT	9JR7100000088	EC 270UF 20% 25V EH 10*9	1
C803	065G080510432K Y	9JR6500000168	CAP CHIP 0805 100N 50V X7R +/-10%	1
C805	065G080547412K Y	9JR6500000276	CAP CHIP 0805 470N 16V X7R +/-10%	1
C806	065G080522522K Y	9JR6500000456	CAP CHIP 0805 2.2UF K 25V X7R	1
C807	065G080522512K T	9JR6500000454	CAP CHIP 0805 2.2UF K 16V X7R	1
C813	067G 415479 9K	9JR7100000078	EC 4.7UF 20% 100V ED 8*12	1
C842	065G080510131J Y	9JR6500000193	CAP CHIP 0805 100PF J 50V NPO	1
C845	065G080539131J Y	9JR6500000178	CAP CHIP 0805 390P 50V NPO +/-5%	1
C846	065G080510131J Y	9JR6500000193	CAP CHIP 0805 100PF J 50V NPO	1
C900	065G306M1022B3	9JR6500000186	Y1 CAP 1000PF M 250VAC TDK	1
C901	065G306M1022B3	9JR6500000186	Y1 CAP 1000PF M 250VAC TDK	1
C902	065G080522232K Y	9JR6500000312	CAP CHIP 0805 2N2 50V X7R +/-10%	1
C903	067G204V680 4K	9JR7100000083	CAP CS 68UF 20% 25V 8*11	1
C904	065G080522242K Y	9JR6500000452	CAP CHIP 0805 2.2NF K 100V X7R	1
C905	065G306M3322B3	9JR6500000190	0.0033UF/250V	1
C906	067G204V680 4K	9JR7100000083	CAP CS 68UF 20% 25V 8*11	1
C907	067G 42Z47015K	9JR7100000080	EC 47UF 20% 450V LF 10*50	1
C908	063G107K334 UU	9JR6300000024	CAP X2 0.33UF 10% 305VAC	1
C909	065G306M1022B3	9JR6500000186	Y1 CAP 1000PF M 250VAC TDK	1
C911	065G080522232K Y	9JR6500000312	CAP CHIP 0805 2N2 50V X7R +/-10%	1
C912	065G080522131J Y	9JR6500000451	CAP CHIP 0805 220P 50V NPO +/-5%	1
C914	067G215P2714KT	9JR7100000088	EC 270UF 20% 25V EH 10*9	1
C915	065G517K2224AT	9JR6500000194	C CAP. 2200PF 500V PITCH 5.0 mm	1
C916	065G080522131J Y	9JR6500000451	CAP CHIP 0805 220P 50V NPO +/-5%	1
C917	065G080547332K Y	9JR6500000169	CAP CHIP 0805 47N 50V X7R +/-10%	1
C918	065G080522242K Y	9JR6500000452	CAP CHIP 0805 2.2NF K 100V X7R	1
C919	065G080510432K Y	9JR6500000168	CAP CHIP 0805 100N 50V X7R +/-10%	1
C920	067G 3152207KT	9JR7100000073	EC 22UF 20% 50V 6.3*11	1
C921	067G204V681 2K	9JR7100000084	CS CAP 680uF 10V 8*11 mm	1
C922	067G215C4713LV	9JR6700000216	EC 470uF 20% 16V RXY 8*9	1
C925	065G 1K1519AT	9JR6500000197	C CAP. 150PF 1KV RR	1
C926	065G080510432K Y	9JR6500000168	CAP CHIP 0805 100N 50V X7R +/-10%	1
C927	065G080510432K Y	9JR6500000168	CAP CHIP 0805 100N 50V X7R +/-10%	1
C935	065G306M3322B3	9JR6500000190	0.0033UF/250V	1
C936	065G080522242K Y	9JR6500000452	CAP CHIP 0805 2.2NF K 100V X7R	1
C937	067G 42Z47015K	9JR7100000080	EC 47UF 20% 450V LF 10*50	1
C940	065G080510432K Y	9JR6500000168	CAP CHIP 0805 100N 50V X7R +/-10%	1
C951	065G080510332K Y	9JR6500000199	CAP CHIP 0805 10N 50V X7R +/-10%	1
CN805	095G 82011X905	9JR9500000120	HARNESS 11P(SAN)-10P 50mm S-LCDXXTE9779	1
CN901	033G8029 3A H	9JR3300000080	B2P3S-VH	1
CN902	095G 82011X906	9JR9500000121	HARNESS 11P(SAN)-13P 180mm S-LCDXXTE9681	1

Item	TPV Code Number	SHARP Parts Code	Description	Qty.
D901	093G 6026T52T	9JR9300000152	RECTIFIER DIODE FR107	1
D902	093G 60903	9JR9300000065	Diode MBRF10150CT TSC	1
D903	093G 6038T52T	9JR9300000066	FR103	1
D904	093G 64S511SEM	9JR9300000182	1N4148W	1
D905	093G 60507	9JR9300000068	SRF1060	1
F901	084G 56 3W	9JR8400000006	FUSE	1
F902	084G 56 3W	9JR8400000006	FUSE	1
FB902	071G 55906 H	9JR7100000094	FERRITE BEAD 510R 6x9.2(A)	1
FB903	071G 55906 H	9JR7100000094	FERRITE BEAD 510R 6x9.2(A)	1
FB905	095G 90 23	9JR9500000047	JUMPER WIRE	1
HD905	Q90G0194 2	9JR9000000018	Heat Sink	1
HQ903	Q90G0195 1	9JR9000000019	Heat Sink	1
IC801	056G 379167	9JR5600000190	IC TA9690GN-A1-0-TR SOP-24	1
IC901	056G 379529	9JR5600000191	IC LD7576AGR SOP-7	1
IC902	056G 139 7 1	9JR5600000057	IC EL817MA M-TYPE	1
IC903	056G 158 12	9JR5600000084	KIA431A-AT/P TO-92	1
L801	073G 253158 H	9JR7300000107	CHOKE COIL 22uH+/-25%	1
L902	073G 174944 L	9JR7300000095	LINE FILTER 14mH MIN CC-013283	1
L903	073G 253 91 L	9JR7300000045	CHOKE BY LI TA	1
L904	073G 253 91 L	9JR7300000045	CHOKE BY LI TA	1
Q801	057G 763 6	9JR5700000096	AO4828 SOIC-8 BY AOS	1
Q903	057G 667 51	9JR5700000093	FET 2SK4101LS 7A/650V TO-220FI(LS)	1
Q908	057G 759 2	9JR5700000055	RK7002FD5T116 SOT-23 BY ROHM	1
R801	061G12061507FT	9JR6100001064	RST CHIPR 0.15 OHM +-1% 1/4W FENGHUA	1
R804	061G0805303 JT	9JR6100001028	RST CHIPR 30K +-5% 1/8W TZAI YUAN	1
R805	061G0805204 JT	9JR6100001011	RST CHIP R 200Kohm 1/8W +/-5% TZAI YUAN	1
R807	061G1206220 JT	9JR6100000666	RST CHIPR 22 OHM +-5% 1/4W TZAI YUAN	1
R809	061G0805104 JT	9JR6100000992	RST CHIPR 100KOHM +- 5% 1/8W TZAI YUAN	1
R810	061G0805102 JT	9JR6100000991	RST CHIPR 1K OHM +- 5% 1/8W TZAI YUAN	1
R812	061G0805101 JT	9JR6100000990	RST CHIP 100R 1/8W 5% TZAI YUAN	1
R813	061G 17210326T	9JR6100000969	CFR 10KOHM +-5% 1/4W	1
R814	061G12061009FT	9JR6100001060	RST CHIP R 10ohm 1/4W +/-1%	1
R822	061G0805105 JT	9JR6100000994	RST CHIP 1M 1/8W 5% TZAI YUAN	1
R823	061G 17224252T	9JR6100000972	2.4KOHM 5% 1/4W	1
R824	061G0805303 JT	9JR6100001028	RST CHIPR 30K +-5% 1/8W TZAI YUAN	1
R825	061G 17200052T TZ	9JR6100000966	RST CFR Max 0R05 1/4W	1
R826	061G0805109 JT	9JR6100000996	RST CHIP 1R 1/8W 5% TZAI YUAN	1
R827	061G0805109 JT	9JR6100000996	RST CHIP 1R 1/8W 5% TZAI YUAN	1
R828	061G0805109 JT	9JR6100000996	RST CHIP 1R 1/8W 5% TZAI YUAN	1
R829	061G0805109 JT	9JR6100000996	RST CHIP 1R 1/8W 5% TZAI YUAN	1
R830	061G0805109 JT	9JR6100000996	RST CHIP 1R 1/8W 5% TZAI YUAN	1
R831	061G0805109 JT	9JR6100000996	RST CHIP 1R 1/8W 5% TZAI YUAN	1
R832	061G0805109 JT	9JR6100000996	RST CHIP 1R 1/8W 5% TZAI YUAN	1
R833	061G0805109 JT	9JR6100000996	RST CHIP 1R 1/8W 5% TZAI YUAN	1
R844	061G 17210152T TZ	9JR6100000968	RST CFR 100R 1/4W 5%	1

Item	TPV Code Number	SHARP Parts Code	Description	Qty.
R845	061G08052209FT	9JR6100001015	RST CHIP 22R 1/8W 1%	1
R846	061G0805103 JT	9JR6100000895	RST CHIPR 10K OHM +- 5% 1/8W TZAI YUAN	1
R848	061G0805000 JT	9JR6100000695	RST CHIPR 0 OHM +- 5% 1/8W TZAI YUAN	1
R849	061G0805000 JT	9JR6100000695	RST CHIPR 0 OHM +- 5% 1/8W TZAI YUAN	1
R902	061G0805750 JT	9JR6100001057	RST CHIPR 75OHM +-5% 1/8W TZAI YUAN	1
R903	061G1206101 JT	9JR6100001061	RST CHIPR 100 OHM +-5% 1/4W TZAI YUAN	1
R904	061G1206101 JT	9JR6100001061	RST CHIPR 100 OHM +-5% 1/4W TZAI YUAN	1
R905	061G1206101 JT	9JR6100001061	RST CHIPR 100 OHM +-5% 1/4W TZAI YUAN	1
R906	061G0805101 JT	9JR6100000990	RST CHIP 100R 1/8W 5% TZAI YUAN	1
R909	061G 60220152T	9JR6100000974	CFR 200 OHM +-5% 1/6W	1
R910	061G0805203 JT	9JR6100001010	RST CHIPR 20K +-5% 1/8W TZAI YUAN	1
R912	061G0805101 JT	9JR6100000990	RST CHIP 100R 1/8W 5% TZAI YUAN	1
R913	061G1206824 JY	9JR6100001076	RST CHIP 820K 1/4W 5%	1
R915	061G 17222952T	9JR6100000971	2.2OHM 5% 1/4W	1
R916	061G1206101 JT	9JR6100001061	RST CHIPR 100 OHM +-5% 1/4W TZAI YUAN	1
R917	061G1206101 JT	9JR6100001061	RST CHIPR 100 OHM +-5% 1/4W TZAI YUAN	1
R918	061G1206101 JT	9JR6100001061	RST CHIPR 100 OHM +-5% 1/4W TZAI YUAN	1
R919	061G0805100 JT	9JR6100000645	RST CHIP 10R 1/8W 5% TZAI YUAN	1
R920	061G1206223 JT	9JR6100001067	RST CHIPR 22KOHM +-5% 1/4W TZAI YUAN	1
R921	061G1206101 JT	9JR6100001061	RST CHIPR 100 OHM +-5% 1/4W TZAI YUAN	1
R923	061G0805332 JT	9JR6100001034	RST CHIP 3K3 1/8W 5% TZAI YUAN	1
R924	061G1206824 JY	9JR6100001076	RST CHIP 820K 1/4W 5%	1
R925	061G208M43852T SY	9JR6100001081	RST MOF 0R43 1W 5%	1
R926	061G 60243152T	9JR6100000978	430OHM 5% 1/6W	1
R927	061G1206824 JY	9JR6100001076	RST CHIP 820K 1/4W 5%	1
R928	061G08053901FT	9JR6100000310	RST CHIP 3K9 1/8W 1%	1
R929	061G0805513 JT	9JR6100001053	RST CHIPR 51K +-5% 1/8W TZAI YUAN	1
R931	061G0805152 JT	9JR6100001005	RST CHIP 1K5 1/8W 5% TZAI YUAN	1
R932	061G08053601FT	9JR6100001038	RST CHIP 3K6 1/8W 1%	1
R934	061G1206100 JT	9JR6100000370	RST CHIPR 10 OHM +-5% 1/4W TZAI YUAN	1
R946	061G0805102 JT	9JR6100000991	RST CHIPR 1K OHM +- 5% 1/8W TZAI YUAN	1
R948	061G0805334 JT	9JR6100001037	RST CHIP 330K 1/8W 5% TZAI YUAN	1
R949	061G08057501FT	9JR6100001058	RST CHIP R 7K5 1/8W +/-1%	1
RJ901	061G1206000 JT	9JR6100000662	RST CHIPR MAX0R05 1/4W TZAI YUAN	1
RV901	061G 46561 WB	9JR6100000963	VARISTOR 561V TVR14561KFAOZF	1
RV902	061G 46511 WB	9JR6100000962	VARISTOR 510V TVR14511KFAOZF	1
SG901	062G 10 18 KW	9JR6200000004	SURGE PROTECT GS41-201MA A	1
SG902	062G 10 18 KW	9JR6200000004	SURGE PROTECT GS41-201MA A	1
T901	080GL19P950 H	9JR8000000025	XFMR 700uH 10% BCK-13316-HA	1
TH901	061G 58709MEW	9JR6100000965	NTCR 7R 4A SCK13074MMY001	1
ZD801	093G 60S930 T	9JR9300000180	DIODE SK36B DO-214AA	1
ZD902	093G 3995152T	9JR9300000093	DIODE P6KE15A DO-15	1
ZD903	093G 39S 91 T	9JR9300000179	UDZS6.2B SC-76 ROHM	1
ZD906	093G 3992952T	9JR9300000169	DIODE P6KE150A DO-15	1

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Item	TPV Code Number	SHARP Parts Code	Description	Qty.
BD901	093G 50460920	9JR9300000171	BRIDGE DIODE KBJ408G-F KBJ	1
C801	065G080510432K Y	9JR6500000168	CAP CHIP 0805 100N 50V X7R +/-10%	1
C802	067G215P2714KT	9JR7100000088	EC 270UF 20% 25V EH 10*9	1
C803	065G080510432K Y	9JR6500000168	CAP CHIP 0805 100N 50V X7R +/-10%	1
C805	065G080547412K Y	9JR6500000276	CAP CHIP 0805 470N 16V X7R +/-10%	1
C806	065G080522522K Y	9JR6500000456	CAP CHIP 0805 2.2UF K 25V X7R	1
C807	065G080522512K Y	9JR6500000455	CAP CHIP 0805 2.2UF K 16V X7R	1
C808	065G080547412K Y	9JR6500000276	CAP CHIP 0805 470N 16V X7R +/-10%	1
C809	065G080522512K Y	9JR6500000455	CAP CHIP 0805 2.2UF K 16V X7R	1
C813	067G 415479 9K	9JR7100000078	EC 4.7UF 20% 100V ED 8*12	1
C815	065G080522522K Y	9JR6500000456	CAP CHIP 0805 2.2UF K 25V X7R	1
C841	065G080510131J Y	9JR6500000193	CAP CHIP 0805 100PF J 50V NPO	1
C842	065G080510131J Y	9JR6500000193	CAP CHIP 0805 100PF J 50V NPO	1
C845	065G080539131J Y	9JR6500000178	CAP CHIP 0805 390P 50V NPO +/-5%	1
C900	065G306M1022B3	9JR6500000186	Y1 CAP 1000PF M 250VAC TDK	1
C901	065G306M1022B3	9JR6500000186	Y1 CAP 1000PF M 250VAC TDK	1
C902	065G080522232K Y	9JR6500000312	CAP CHIP 0805 2N2 50V X7R +/-10%	1
C903	067G204V680 4K	9JR7100000083	CAP CS 68UF 20% 25V 8*11	1
C904	065G080522242K Y	9JR6500000452	CAP CHIP 0805 2.2NF K 100V X7R	1
C905	065G306M3322B3	9JR6500000190	0.0033UF/250V	1
C906	067G204V680 4K	9JR7100000083	CAP CS 68UF 20% 25V 8*11	1
C907	067G 42Z47015K	9JR7100000080	EC 47UF 20% 450V LF 10*50	1
C908	063G107K334 UU	9JR6300000024	CAP X2 0.33UF 10% 305VAC	1
C909	065G306M1022B3	9JR6500000186	Y1 CAP 1000PF M 250VAC TDK	1
C911	065G080522232K Y	9JR6500000312	CAP CHIP 0805 2N2 50V X7R +/-10%	1
C912	065G080522131J Y	9JR6500000451	CAP CHIP 0805 220P 50V NPO +/-5%	1
C914	067G215P2714KT	9JR7100000088	EC 270UF 20% 25V EH 10*9	1
C915	065G517K2224AT	9JR6500000194	C CAP. 2200PF 500V PITCH 5.0 mm	1
C916	065G080522131J Y	9JR6500000451	CAP CHIP 0805 220P 50V NPO +/-5%	1
C917	065G080547332K Y	9JR6500000169	CAP CHIP 0805 47N 50V X7R +/-10%	1
C918	065G080522242K Y	9JR6500000452	CAP CHIP 0805 2.2NF K 100V X7R	1
C919	065G080510432K Y	9JR6500000168	CAP CHIP 0805 100N 50V X7R +/-10%	1
C920	067G 3152207KT	9JR7100000073	EC 22UF 20% 50V 6.3*11	1
C921	067G204V681 2K	9JR7100000084	CS CAP 680uF 10V 8*11 mm	1
C922	067G215C4713LV	9JR6700000216	EC 470uF 20% 16V RXY 8*9	1
C925	065G 1K1519AT	9JR6500000197	C CAP. 150PF 1KV RR	1
C926	065G080510432K Y	9JR6500000168	CAP CHIP 0805 100N 50V X7R +/-10%	1
C927	065G080510432K Y	9JR6500000168	CAP CHIP 0805 100N 50V X7R +/-10%	1
C935	065G306M3322B3	9JR6500000190	0.0033UF/250V	1

Item	TPV Code Number	SHARP Parts Code	Description	Qty.
C936	065G080522242K Y	9JR6500000452	CAP CHIP 0805 2.2NF K 100V X7R	1
C937	067G 42Z47015K	9JR7100000080	EC 47UF 20% 450V LF 10*50	1
C940	065G080510432K Y	9JR6500000168	CAP CHIP 0805 100N 50V X7R +/-10%	1
C951	065G080510332K Y	9JR6500000199	CAP CHIP 0805 10N 50V X7R +/-10%	1
CN805	095G 82011X905	9JR9500000120	HARNESS 11P(SAN)-10P 50mm S-LCDXXTE9779	1
CN806	095G 82010X902	9JR9500000119	HARNESS 10P(SAN)-10P 50mm S-LCDXXTE9778	1
CN901	033G8029 3A H	9JR3300000080	B2P3S-VH	1
CN902	095G 82011X906	9JR9500000121	HARNESS 11P(SAN)-13P 180mm S-LCDXXTE9681	1
D901	093G 6026T52T	9JR9300000152	RECTIFIER DIODE FR107	1
D902	093G 60903	9JR9300000065	Diode MBRF10150CT TSC	1
D903	093G 6038T52T	9JR9300000066	FR103	1
D904	093G 64S511SEM	9JR9300000182	1N4148W	1
D905	093G 60507	9JR9300000068	SRF1060	1
F901	084G 56 3W	9JR8400000006	FUSE	1
F902	084G 56 3W	9JR8400000006	FUSE	1
FB902	071G 55906	9JR7100000023	FERRITE CORE 510R C8B R6H 6x9.2(A)	1
FB903	071G 55906	9JR7100000023	FERRITE CORE 510R C8B R6H 6x9.2(A)	1
FB905	095G 90 23	9JR9500000047	JUMPER WIRE	1
HD905	Q90G0194 2	9JR9000000018	Heat Sink	1
HQ903	Q90G0195 1	9JR9000000019	Heat Sink	1
IC801	056G 379167	9JR5600000190	IC TA9690GN-A1-0-TR SOP-24	1
IC802	056G 379167	9JR5600000190	IC TA9690GN-A1-0-TR SOP-24	1
IC901	056G 379529	9JR5600000191	IC LD7576AGR SOP-7	1
IC902	056G 139 7 1	9JR5600000057	IC EL817MA M-TYPE	1
IC903	056G 158 10 T	9JR5600000058	IC AS431AZTR-E1 TO-92	1
L801	073G 253158 H	9JR7300000107	CHOKE COIL 22uH+/-25%	1
L902	073G 174944 H	9JR7300000094	LINE FILTER 14mH MIN LCL-11617 HA	1
L903	073G 253 91 V	9JR7300000072	CHOKE COIL 3.5uH+-10%	1
L904	073G 253 91 V	9JR7300000072	CHOKE COIL 3.5uH+-10%	1
Q801	057G 763 6	9JR5700000096	AO4828 SOIC-8 BY AOS	1
Q903	057G 667 51	9JR5700000093	FET 2SK4101LS 7A/650V TO-220FI(LS)	1
Q908	057G 759 2	9JR5700000055	RK7002FD5T116 SOT-23 BY ROHM	1
R801	061G12061507FT	9JR6100001064	RST CHIPR 0.15 OHM +-1% 1/4W FENGHUA	1
R803	061G0805102 JT	9JR6100000991	RST CHIPR 1K OHM +- 5% 1/8W TZAI YUAN	1
R804	061G0805300 2F	9JR6100001135	RST CHIPR 30K OHM +-1% 1/8W	1
R805	061G0805204 JT	9JR6100001011	RST CHIP R 200Kohm 1/8W +/-5% TZAI YUAN	1
R807	061G1206220 JT	9JR6100000666	RST CHIPR 22 OHM +-5% 1/4W TZAI YUAN	1
R809	061G0805104 JT	9JR6100000992	RST CHIPR 100KOHM +- 5% 1/8W TZAI YUAN	1
R810	061G0805102 JT	9JR6100000991	RST CHIPR 1K OHM +- 5% 1/8W TZAI YUAN	1
R812	061G0805101 JT	9JR6100000990	RST CHIP 100R 1/8W 5% TZAI YUAN	1
R813	061G 17210326T	9JR6100000969	CFR 10KOHM +-5% 1/4W	1

Item	TPV Code Number	SHARP Parts Code	Description	Qty.
R814	061G12061009FT	9JR6100001060	RST CHIP R 10ohm 1/4W +/-1%	1
R816	061G0805204 JT	9JR6100001011	RST CHIP R 200Kohm 1/8W +/-5% TZAI YUAN	1
R819	061G 20010452T TZ	9JR6100000973	RST MFLM 100K 1/4W +-1% TZAI YUAN	1
R820	061G 17210152T	9JR6100000967	100 OHM 5% 1/4W	1
R822	061G0805105 JT	9JR6100000994	RST CHIP 1M 1/8W 5% TZAI YUAN	1
R823	061G 17224252T	9JR6100000972	2.4KOHM 5% 1/4W	1
R824	061G0805433 JT	9JR6100001041	RST CHIPR 43K +-5% 1/8W TZAI YUAN	1
R825	061G 17200052T TZ	9JR6100000966	RST CFR Max 0R05 1/4W	1
R826	061G0805109 JT	9JR6100000996	RST CHIP 1R 1/8W 5% TZAI YUAN	1
R827	061G0805109 JT	9JR6100000996	RST CHIP 1R 1/8W 5% TZAI YUAN	1
R828	061G0805109 JT	9JR6100000996	RST CHIP 1R 1/8W 5% TZAI YUAN	1
R829	061G0805109 JT	9JR6100000996	RST CHIP 1R 1/8W 5% TZAI YUAN	1
R830	061G0805109 JT	9JR6100000996	RST CHIP 1R 1/8W 5% TZAI YUAN	1
R831	061G0805109 JT	9JR6100000996	RST CHIP 1R 1/8W 5% TZAI YUAN	1
R832	061G0805109 JT	9JR6100000996	RST CHIP 1R 1/8W 5% TZAI YUAN	1
R833	061G0805109 JT	9JR6100000996	RST CHIP 1R 1/8W 5% TZAI YUAN	1
R834	061G0805109 JT	9JR6100000996	RST CHIP 1R 1/8W 5% TZAI YUAN	1
R835	061G0805109 JT	9JR6100000996	RST CHIP 1R 1/8W 5% TZAI YUAN	1
R836	061G0805109 JT	9JR6100000996	RST CHIP 1R 1/8W 5% TZAI YUAN	1
R837	061G 17210926T	9JR6100000970	1OHM 5% 1/4W	1
R838	061G0805109 JT	9JR6100000996	RST CHIP 1R 1/8W 5% TZAI YUAN	1
R839	061G0805109 JT	9JR6100000996	RST CHIP 1R 1/8W 5% TZAI YUAN	1
R840	061G0805109 JT	9JR6100000996	RST CHIP 1R 1/8W 5% TZAI YUAN	1
R841	061G0805109 JT	9JR6100000996	RST CHIP 1R 1/8W 5% TZAI YUAN	1
R843	061G0805303 JT	9JR6100001028	RST CHIPR 30K +-5% 1/8W TZAI YUAN	1
R844	061G 17210152T TZ	9JR6100000968	RST CFR 100R 1/4W 5%	1
R845	061G08052209FT	9JR6100001015	RST CHIP 22R 1/8W 1%	1
R846	061G0805103 JT	9JR6100000895	RST CHIPR 10K OHM +- 5% 1/8W TZAI YUAN	1
R902	061G0805750 JT	9JR6100001057	RST CHIPR 75OHM +-5% 1/8W TZAI YUAN	1
R903	061G1206101 JT	9JR6100001061	RST CHIPR 100 OHM +-5% 1/4W TZAI YUAN	1
R904	061G1206101 JT	9JR6100001061	RST CHIPR 100 OHM +-5% 1/4W TZAI YUAN	1
R905	061G1206101 JT	9JR6100001061	RST CHIPR 100 OHM +-5% 1/4W TZAI YUAN	1
R906	061G0805101 JT	9JR6100000990	RST CHIP 100R 1/8W 5% TZAI YUAN	1
R909	061G 60220152T	9JR6100000974	CFR 200 OHM +-5% 1/6W	1
R910	061G0805203 JT	9JR6100001010	RST CHIPR 20K +-5% 1/8W TZAI YUAN	1
R912	061G0805101 JT	9JR6100000990	RST CHIP 100R 1/8W 5% TZAI YUAN	1
R913	061G1206824 JY	9JR6100001076	RST CHIP 820K 1/4W 5%	1
R915	061G 17222952T	9JR6100000971	2.2OHM 5% 1/4W	1
R916	061G1206101 JT	9JR6100001061	RST CHIPR 100 OHM +-5% 1/4W TZAI YUAN	1
R917	061G1206101 JT	9JR6100001061	RST CHIPR 100 OHM +-5% 1/4W TZAI YUAN	1
R918	061G1206101 JT	9JR6100001061	RST CHIPR 100 OHM +-5% 1/4W TZAI YUAN	1

Item	TPV Code Number	SHARP Parts Code	Description	Qty.
R919	061G0805100 JT	9JR6100000645	RST CHIP 10R 1/8W 5% TZAI YUAN	1
R920	061G1206223 JT	9JR6100001067	RST CHIPR 22KOHM +-5% 1/4W TZAI YUAN	1
R921	061G1206101 JT	9JR6100001061	RST CHIPR 100 OHM +-5% 1/4W TZAI YUAN	1
R923	061G0805332 JT	9JR6100001034	RST CHIP 3K3 1/8W 5% TZAI YUAN	1
R924	061G1206824 JY	9JR6100001076	RST CHIP 820K 1/4W 5%	1
R925	061G208M43852T SY	9JR6100001081	RST MOF 0R43 1W 5%	1
R926	061G 60243152T	9JR6100000978	430OHM 5% 1/6W	1
R927	061G1206824 JY	9JR6100001076	RST CHIP 820K 1/4W 5%	1
R928	061G08053901FT	9JR6100000310	RST CHIP 3K9 1/8W 1%	1
R929	061G0805513 JT	9JR6100001053	RST CHIPR 51K +-5% 1/8W TZAI YUAN	1
R931	061G0805152 JT	9JR6100001005	RST CHIP 1K5 1/8W 5% TZAI YUAN	1
R932	061G08053601FT	9JR6100001038	RST CHIP 3K6 1/8W 1%	1
R934	061G1206100 JT	9JR6100000370	RST CHIPR 10 OHM +-5% 1/4W TZAI YUAN	1
R946	061G0805102 JT	9JR6100000991	RST CHIPR 1K OHM +- 5% 1/8W TZAI YUAN	1
R948	061G0805334 JT	9JR6100001037	RST CHIP 330K 1/8W 5% TZAI YUAN	1
R949	061G08057501FT	9JR6100001058	RST CHIP R 7K5 1/8W +/-1%	1
RJ901	061G1206000 JT	9JR6100000662	RST CHIPR MAX0R05 1/4W TZAI YUAN	1
RV901	061G 46561 WB	9JR6100000963	VARISTOR 561V TVR14561KFAOZF	1
RV902	061G 46511 WB	9JR6100000962	VARISTOR 510V TVR14511KFAOZF	1
SG901	062G 10 18 KW	9JR6200000004	SURGE PROTECT GS41-201MA A	1
SG902	062G 10 18 KW	9JR6200000004	SURGE PROTECT GS41-201MA A	1
T901	080GL19P950 H	9JR8000000025	XFMR 700uH 10% BCK-13316-HA	1
TH901	061G 58709MEW	9JR6100000965	NTCR 7R 4A SCK13074MMY001	1
ZD801	093G 60S 31 T HF	9JR9300000192	DIODE B360B-HF 3A/60V SMB	1
ZD902	093G 3995152T	9JR9300000093	DIODE P6KE15A DO-15	1
ZD903	093G 39S 91 T	9JR9300000179	UDZS6.2B SC-76 ROHM	1
ZD906	093G 3992952T	9JR9300000169	DIODE P6KE150A DO-15	1

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Item	TPV Code Number	SHARP Parts Code	Description	Qty.
BD901	093G 50460920	9JR9300000171	BRIDGE DIODE KBJ408G-F KBJ	1
C900	065G306M1022B3	9JR6500000186	Y1 CAP 1000PF M 250VAC TDK	1
C901	065G 1K4719AT	9JR6500000449	C CAP. 470PF 1KV RR	1
C902	067G 42Z47015K	9JR7100000080	EC 47UF 20% 450V LF 10*50	1
C903	067G 42Z47015K	9JR7100000080	EC 47UF 20% 450V LF 10*50	1
C904	067G 42Z47015K	9JR7100000080	EC 47UF 20% 450V LF 10*50	1
C906	065G306M3322B3	9JR6500000190	0.0033UF/250V	1
C907	067G215Z102 7K	9JR6700000234	EC 1000UF 20% 50V EJ 10*40	1
C908	067G215Z102 7K	9JR6700000234	EC 1000UF 20% 50V EJ 10*40	1
C909	065G080510432K A	9JR6500000370	CAP CHIP 0805 100nF K 50V X7R	1
C910	067G204V471 2K	9JR6700000233	CS CAP 470uF 10V 8*8 mm	1
C911	067G215C4713LV	9JR6700000216	EC 470uF 20% 16V RXY 8*9	1
C913	065G 1K4719AT	9JR6500000449	C CAP. 470PF 1KV RR	1
C914	063G107K104 UU	9JR6300000029	CAP X2 0.1UF 10% 305VAC	1
C915	065G517K2224AT	9JR6500000194	C CAP. 2200PF 500V PITCH 5.0 mm	1
C916	065G080522131J Y	9JR6500000451	CAP CHIP 0805 220P 50V NPO +/-5%	1
C917	065G080547332K A	9JR6500000480	CAP CHIP 0805 47nF K 50V X7R	1
C918	065G080522131J Y	9JR6500000451	CAP CHIP 0805 220P 50V NPO +/-5%	1
C919	065G080510432K A	9JR6500000370	CAP CHIP 0805 100nF K 50V X7R	1
C920	065G306M1022B3	9JR6500000186	Y1 CAP 1000PF M 250VAC TDK	1
C921	065G306M1022B3	9JR6500000186	Y1 CAP 1000PF M 250VAC TDK	1
C922	067G315Y4707KV	9JR6700000235	LOW ESR EC 47uF M 50V 6.3*11mm	1
C923	065G080522432K A	9JR6500000377	CAP CHIP 0805 0.22UF K 50V X7R	1
C925	065G080510332K A	9JR6500000367	CAP CHIP 0805 10nF K 50V X7R	1
C926	065G080547432K A	9JR6500000481	CAP CHIP 0805 0.47UF K 50V X7R	1
C927	067G215P2714KT	9JR7100000088	EC 270UF 20% 25V EH 10*9	1
C928	065G080510432K A	9JR6500000370	CAP CHIP 0805 100nF K 50V X7R	1
C929	065G080510432K A	9JR6500000370	CAP CHIP 0805 100nF K 50V X7R	1
C931	065G080510432K A	9JR6500000370	CAP CHIP 0805 100nF K 50V X7R	1
C935	065G306M3322B3	9JR6500000190	0.0033UF/250V	1
C936	065G 1K1019AT	9JR6500000222	C CAP. 100PF 1KV RR	1
C937	063G107K104 UU	9JR6300000029	CAP X2 0.1UF 10% 305VAC	1
C944	065G080510432K A	9JR6500000370	CAP CHIP 0805 100nF K 50V X7R	1
C951	065G080510332K A	9JR6500000367	CAP CHIP 0805 10nF K 50V X7R	1
C956	067G 4153317KV	9JR7100000077	eC 330UF 20% 50V EP 12.5*12	1
C957	067G 4153317KV	9JR7100000077	eC 330UF 20% 50V EP 12.5*12	1
C958	067G 4153317KV	9JR7100000077	eC 330UF 20% 50V EP 12.5*12	1
C959	065G080510522K Y	9JR6500000170	CAP CHIP 0805 1UF K 25V X7R	1
CN901	311GW396B03ABH	9JR3110000005	WAFER 3.96mm 3(2N)P	1

Item	TPV Code Number	SHARP Parts Code	Description	Qty.
CN903	095G 82014X901	9JR9500000173	HARNESS 14P(SAN) - 14P 230mm	1
CN905	095G 82513X932	9JR9500000179	HARNESS 13P(SCN) - 13P 260mm	1
D901	093G 60915	9JR9300000188	Diode 10A/200V MBRF10200CT ITO-220AB	1
D902	093G 6026T52T	9JR9300000152	RECTIFIER DIODE FR107	1
D903	093G 60507	9JR9300000068	SRF1060	1
D904	093G 64 1152T PH	9JR9300000190	SWITCH DIODE 1N4148 BY PHILIPS	1
D905	093G 6038T52T	9JR9300000066	FR103	1
D907	093G 60S937 T	9JR9300000193	BRIDGE SK54B 5 40 DO-214AA	1
D983	093G 60948	9JR9300000189	SCHOTTKY SR215 2 150 DO-15	1
D985	093G 60948	9JR9300000189	SCHOTTKY SR215 2 150 DO-15	1
F901	084G 41 15 L	9JR8400000016	FUSE 3.15A 250V	1
F902	084G 41 15 L	9JR8400000016	FUSE 3.15A 250V	1
FB901	071G 55906	9JR7100000023	FERRITE CORE 510R C8B R6H 6x9.2(A)	1
FB902	071G 55906	9JR7100000023	FERRITE CORE 510R C8B R6H 6x9.2(A)	1
FB903	071G 55906	9JR7100000023	FERRITE CORE 510R C8B R6H 6x9.2(A)	1
FB905	071G 55909	9JR7100000029	FERRITE CORE 2.5*3*0.8 BF-L25030W-768	1
FB985	071G 55 19 T	9JR7100000001	FERRITE BEAD D9X3. 5X0.8	1
HD903	Q90G0194 1	9JR9000000017	Heatsink	1
HQ905	Q90G0194 2	9JR9000000018	Heat Sink	1
IC901	056G 379529	9JR5600000191	IC LD7576AGR SOP-7	1
IC902	056G 139 9	9JR5600000189	IC EL817M(X) photocoupler DIP-4	1
IC903	056G 158504AME	9JR5600000210	IC AME431BAJATB25Z AME	1
IC905	056G 563185	9JR5600000212	IC RT8289GSP SOP-8	1
J906	061G1206000 JT	9JR6100000662	RST CHIPR MAX0R05 1/4W TZAI YUAN	1
L901	073G 253 91 L	9JR7300000045	CHOKE BY LI TA	1
L902	073G 253 91 L	9JR7300000045	CHOKE BY LI TA	1
L903	073G 174159 H	9JR7300000101	LINE FILTER 8mH MIN LCL-11611 HA	1
L904	073G 253 91 L	9JR7300000045	CHOKE BY LI TA	1
L905	073G 174159 H	9JR7300000101	LINE FILTER 8mH MIN LCL-11611 HA	1
NR901	061G 58509MEW	9JR6100000964	NTCR 5R 5A SCK13055MMY506	1
Q903	057G 761505	9JR5700000099	TRA KTD1624-C	1
Q905	057G 667 51	9JR5700000093	FET 2SK4101LS 7A/650V TO-220FI(LS)	1
Q908	057G 759 2	9JR5700000055	RK7002FD5T116 SOT-23 BY ROHM	1
R901	061G1206101 JY	9JR6100001146	RST CHIPR 100R +-5% 1/4W YAGEO	1
R902	061G1206101 JY	9JR6100001146	RST CHIPR 100R +-5% 1/4W YAGEO	1
R903	061G1206101 JY	9JR6100001146	RST CHIPR 100R +-5% 1/4W YAGEO	1
R906	061G0805101 JY	9JR6100001127	RST CHIPR 100OHM +- 5% 1/8W YEGAO	1
R909	061G0805471 JY	9JR6100001141	RST CHIPR 470OHM +-5% 1/8W YAGEO	1
R910	061G1206203 JT	9JR6100001147	RST CHIPR 20KOHM +-5% 1/4W TZAI YUAN	1
R913	061G1206101 JY	9JR6100001146	RST CHIPR 100R +-5% 1/4W YAGEO	1
R914	061G1206101 JY	9JR6100001146	RST CHIPR 100R +-5% 1/4W YAGEO	1

Item	TPV Code Number	SHARP Parts Code	Description	Qty.
R915	061G0805301 JT	9JR6100001136	RST CHIP 300R 1/8W 5% TZAI YUAN	1
R920	061G0805100 JY	9JR6100001125	RST CHIPR 10OHM +- 5% 1/8W YEGAO	1
R921	061G0805102 JY	9JR6100001128	RST CHIPR 1K OHM 5% 1/8W YAGEO	1
R922	061G08055602FY	9JR6100001145	RST CHIPR 56KOHM +-1% 1/8W YAGEO	1
R923	061G08054301FY	9JR6100001140	RST CHIPR 4.3KOHM +-1% 1/8W YAGEO	1
R926	061G0805202 JY	9JR6100001133	RST CHIPR 2K 5% 0805 YAGEO	1
R927	061G08053161FY	9JR6100001137	RST CHIPR 3.16KOHM +-1% 1/8W YAGEO	1
R929	061G0805103 JY	9JR6100001129	RST CHIPR 10KOHM +-5% 1/8W YAGEO	1
R930	061G 60220226T	9JR6100001123	CFR 2K OHM+-5% 1/6W	1
R931	061G08051802FY	9JR6100000546	RST CHIPR 18KOHM +-1% 1/8W YAGEO	1
R932	061G08052001FY	9JR6100001132	RST CHIPR 2KOHM +-1% 1/8W YAGEO	1
R933	061G0805511 JI	9JR6100001142	RST CHIPR 510 OHM +-5% 1/8W 0805	1
R934	061G0805102 JY	9JR6100001128	RST CHIPR 1K OHM 5% 1/8W YAGEO	1
R935	061G153M68159B SY	9JR6100001153	RST MOF 680R 5% 3W	1
R936	061G208M43852T SY	9JR6100001081	RST MOF 0R43 1W 5%	1
R939	061G 17210126T	9JR6100001121	100 OHM 5% 1/4W	1
R940	061G1206229 JY	9JR6100001149	RST CHIPR 2.2 OHM £«-5£¥ 1/4W YAGEO	1
R941	061G1206223 JY	9JR6100001148	RST CHIPR 22KOHM +-5% 1/4W YAGEO	1
R942	061G1206101 JY	9JR6100001146	RST CHIPR 100R +-5% 1/4W YAGEO	1
R944	061G0805000 JY	9JR6100001124	RST CHIPR MAX 0R05 OHM 1/8W YAGEO	1
R946	061G 60210226T	9JR6100001122	CFR 1K OHM+-5% 1/6W	1
R948	061G0805334 JY	9JR6100001139	RST CHIPR 330K +-5% 1/8W YAGEO	1
R950	061G08052700FT	9JR6100001134	RST 0805 270R 1% 1/8W TZAI YUAN	1
R953	061G08053161FY	9JR6100001137	RST CHIPR 3.16KOHM +-1% 1/8W YAGEO	1
R954	061G08055601FY	9JR6100001143	RST CHIPR 5.6KOHM +-1% 1/8W YAGEO	1
R958	061G1206914 JY	9JR6100001150	RST CHIPR 910 KOHM 1/4W YAGEO	1
R959	061G1206914 JY	9JR6100001150	RST CHIPR 910 KOHM 1/4W YAGEO	1
R960	061G1206914 JY	9JR6100001150	RST CHIPR 910 KOHM 1/4W YAGEO	1
R977	061C208M10052T SY	9JR6100001120	RST MOFR 10 OHM +-5% 1WS FUTABA	1
RV901	061G 46561 WB	9JR6100000963	VARISTOR 561V TVR14561KFAOZF	1
RV902	061G 46511 WB	9JR6100000962	VARISTOR 510V TVR14511KFAOZF	1
SG901	062G 10 18 KW	9JR6200000004	SURGE PROTECT GS41-201MA A	1
SG902	062G 10 18 KW	9JR6200000004	SURGE PROTECT GS41-201MA A	1
SG904	062G 10 18 KW	9JR6200000004	SURGE PROTECT GS41-201MA A	1
SG905	062G 10 18 KW	9JR6200000004	SURGE PROTECT GS41-201MA A	1
T901	080GL32P959 H	9JR8000000026	XFMR 650UH 10% BCK-14010-HA	1
ZD902	093G 39G 6	9JR9300000191	DIODE MTZJ27B DO-34	1
ZD903	093G 39S 91 T	9JR9300000179	UDZS6.2B SC-76 ROHM	1
ZD906	093G 3992952T	9JR9300000169	DIODE P6KE150A DO-15	1
ZD907	093G 3996452T	9JR9300000187	TVS P6KE24A 20.5 100 0.6	1

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Item	TPV Code Number	SHARP Parts Code	Description	Qty.
BD901	093G 50460 34	9JR9300000122	BRIDGE KBJ608G 6A/800V KBJ	1
C901	063G107K474 UU	9JR6300000030	CAP X2 0.47UF 10% 305VAC	1
C902	065G306M1022BP	9JR6500000284	1000PF Y1.CAP	1
C903	065G306M1022BP	9JR6500000284	1000PF Y1.CAP	1
C904	063G107K474 UU	9JR6300000030	CAP X2 0.47UF 10% 305VAC	1
C906	065G306M1022BP	9JR6500000284	1000PF Y1.CAP	1
C907	067G 43R47015K	9JR7100000081	EC 47UF 20% 450V 13*35	1
C908	065G306M1022BP	9JR6500000284	1000PF Y1.CAP	1
C909	065G306M1022BP	9JR6500000284	1000PF Y1.CAP	1
C910	063G216K105HCU	9JR6300000028	CAP MPP 1UF 10% 500V BULK (B)	1
C911	065G080533422K Y	9JR6500000460	CAP CHIP 0805 0.33UF K 25V X7R	1
C912	065G080533422K Y	9JR6500000460	CAP CHIP 0805 0.33UF K 25V X7R	1
C913	065G080533422K Y	9JR6500000460	CAP CHIP 0805 0.33UF K 25V X7R	1
C914	065G080522512K Y	9JR6500000455	CAP CHIP 0805 2.2UF K 16V X7R	1
C915	065G080510232K Y	9JR6500000110	CAP CHIP 0805 1N 50V X7R +/-10%	1
C916	067G 43R47015K	9JR7100000081	EC 47UF 20% 450V 13*35	1
C917	065G080510432K Y	9JR6500000168	CAP CHIP 0805 100N 50V X7R +/-10%	1
C918	067G 43R47015K	9JR7100000081	EC 47UF 20% 450V 13*35	1
C931	065G080533422K Y	9JR6500000460	CAP CHIP 0805 0.33UF K 25V X7R	1
C932	065G080522432K Y	9JR6500000453	CAP CHIP 0805 0.22UF K 50V X7R	1
C933	065G080533131J Y	9JR6500000457	CAP CHIP 0805 330PF J 50V NPO	1
C934	067G 305479 7C	9JR6700000147	EC 4U7 50V KM 5*11mm	1
C935	065G080510432K Y	9JR6500000168	CAP CHIP 0805 100N 50V X7R +/-10%	1
C936	065G120610432K Y	9JR6500000297	CER 1206 100N 50V X7R +/-10%	1
C937	065G120610532K 3	9JR6500000461	CAP CHIP 1uF 50V X7R	1
C938	065G080510131J Y	9JR6500000193	CAP CHIP 0805 100PF J 50V NPO	1
C940	065G080510432K Y	9JR6500000168	CAP CHIP 0805 100N 50V X7R +/-10%	1
C941	063G210J2234CC	9JR6300000012	CAP MPP 22NF 630V 5%	1
C942	065G080510232K Y	9JR6500000110	CAP CHIP 0805 1N 50V X7R +/-10%	1
C943	067G415R122 7C	9JR7100000092	EC 1200UF 20% 50V 13*30	1
C945	067G515Z10110K	9JR7100000093	EC 100UF 20% 160V 12.5*30	1
C946	067G215D3314KV	9JR7100000085	LOW ESR EC 330uF 25V M 10*12mm	1
C947	067G 3054704CT	9JR6700000121	EC 47uF 25V KM 5x11mm	1
C948	065G080533242K Y	9JR6500000459	CAP CHIP 0805 3.3nF K 100V X7R	1
C949	065G080510432K Y	9JR6500000168	CAP CHIP 0805 100N 50V X7R +/-10%	1
C950	067G515Z10110K	9JR7100000093	EC 100UF 20% 160V 12.5*30	1
C951	067G 30547910C	9JR7100000071	EC 4.7UF 20% 160V 8*11.5	1
C953	065G 1K1529AT	9JR6500000306	C CAP. 1500PF 1KV	1
C954	065G 1K1019AT	9JR6500000222	C CAP. 100PF 1KV RR	1
C955	065G 1K1019AT	9JR6500000222	C CAP. 100PF 1KV RR	1
C956	065G517K152 2T	9JR6500000464	1500pf 10% z5p 500v	1

Item	TPV Code Number	SHARP Parts Code	Description	Qty.
C960	065G 1K4719AT	9JR6500000449	C CAP. 470PF 1KV RR	1
C980	065G517K1522AT	9JR6500000223	CER2 DC B 500V S 1N5 PM10 A	1
C981	067G 3053307CT	9JR6700000054	105□ RADIAL E-CAPACTOR 33uF 50V	1
C983	065G080510432K Y	9JR6500000168	CAP CHIP 0805 100N 50V X7R +/-10%	1
C984	064G 47G1031AT EU	9JR6400000004	F/C PPN 0.01uF 100V 2% EUROPTRONIC	1
C985	067G204V102 2K	9JR7100000082	CAP CS 1000UF 20% 10V 10*12	1
C986	067G 3054704CT	9JR6700000121	EC 47uF 25V KM 5x11mm	1
C987	067G204V102 2K	9JR7100000082	CAP CS 1000UF 20% 10V 10*12	1
C989	065G080510432K Y	9JR6500000168	CAP CHIP 0805 100N 50V X7R +/-10%	1
C990	067G 3051007CT	9JR7100000069	EC 10UF/50V KM 5*11mm	1
C991	065G080510232K Y	9JR6500000110	CAP CHIP 0805 1N 50V X7R +/-10%	1
C992	067G 4153317KV	9JR7100000077	eC 330UF 20% 50V EP 12.5*12	1
C993	065G080510332K Y	9JR6500000199	CAP CHIP 0805 10N 50V X7R +/-10%	1
C994	065G080510332K Y	9JR6500000199	CAP CHIP 0805 10N 50V X7R +/-10%	1
C995	065G060315031J Y	9JR6500000433	CAP CHIP 0603 15P 50V NPO +/-5%	1
C996	065G080510332K Y	9JR6500000199	CAP CHIP 0805 10N 50V X7R +/-10%	1
C997	065G080510522K Y	9JR6500000170	CAP CHIP 0805 1UF K 25V X7R	1
C998	065G080522432K A	9JR6500000377	CAP CHIP 0805 0.22UF K 50V X7R	1
CN901	311GW396A04ABX	9JR3110000002	WAFER 3.96mm 4P (³é 2,3N)	1
CN902	095G 82513X933	9JR9500000125	HARNESS 13P(SCN) - 13P 380mm	1
CN903	095G 825 7F903	9JR9500000174	HARNESS 7P(SCN) - 13P 290mm	1
CN904	095G 825 7F904	9JR9500000175	HARNESS 7P(SCN) - 12P 290mm-	1
D902	093G 64907	9JR9300000178	DIODE UD1006LS TO220FI	1
D903	093G 52S900 T	9JR9300000127	DIODE BAV103 SOD-80C PHILIPS	1
D935	093G 60507	9JR9300000068	SRF1060	1
D951	093G 52S900 T	9JR9300000127	DIODE BAV103 SOD-80C PHILIPS	1
D952	093G 52S900 T	9JR9300000127	DIODE BAV103 SOD-80C PHILIPS	1
D953	093C 6451952T	9JR9300000168	DIODE BAV21 SEMTECH	1
D954	093C 6451952T	9JR9300000168	DIODE BAV21 SEMTECH	1
D955	093G 60935	9JR9300000177	DIODE MBRF20100CT ITO-220AB	1
D956	093G 52901	9JR9300000174	DIODE SB240 DO-41	1
D957	093G 64S522SEM	9JR9300000061	LL4148	1
D958	093G 64S522SEM	9JR9300000061	LL4148	1
D959	093C 6451952T	9JR9300000168	DIODE BAV21 SEMTECH	1
D960	093C 6451952T	9JR9300000168	DIODE BAV21 SEMTECH	1
D961	093C 6451952T	9JR9300000168	DIODE BAV21 SEMTECH	1
D962	093G 52901	9JR9300000174	DIODE SB240 DO-41	1
D963	093C 6451952T	9JR9300000168	DIODE BAV21 SEMTECH	1
D980	093G108090052T	9JR9300000131	DIODE UG1006 1A 800V DO-41	1
D983	093G201090052T	9JR9300000090	DIODE SR210 100V 2A DO-15	1
D984	093G201090052T	9JR9300000090	DIODE SR210 100V 2A DO-15	1
D985	093G 60288	9JR9300000175	DIODE MBRF10100CT 10A/100V ITO-220AB	1
D986	093G 64S 38SEM	9JR9300000181	BAW56 SOT-23 SEMTECH	1

Item	TPV Code Number	SHARP Parts Code	Description	Qty.
D987	093G 64S 38SEM	9JR9300000181	BAW56 SOT-23 SEMTECH	1
D988	093G 64S 38SEM	9JR9300000181	BAW56 SOT-23 SEMTECH	1
D989	093G 64S 38SEM	9JR9300000181	BAW56 SOT-23 SEMTECH	1
D990	093G 64S522SEM	9JR9300000061	LL4148	1
D991	093G 52 73	9JR9300000173	DIODE 1N5408 3A/1000V DO-201AD	1
F901	084G 41 4	9JR8400000012	FUSE 250V 4A	1
F902	084G 41 4	9JR8400000012	FUSE 250V 4A	1
FB904	071G 55909	9JR7100000029	FERRITE CORE 2.5*3*0.8 BF-L25030W-768	1
FB905	071G 55 8	9JR7100000028	FERRITE BEAD	1
FB980	071G 55909	9JR7100000029	FERRITE CORE 2.5*3*0.8 BF-L25030W-768	1
FB982	071G 55909	9JR7100000029	FERRITE CORE 2.5*3*0.8 BF-L25030W-768	1
FB983	071G 55909	9JR7100000029	FERRITE CORE 2.5*3*0.8 BF-L25030W-768	1
FB984	071G 55909	9JR7100000029	FERRITE CORE 2.5*3*0.8 BF-L25030W-768	1
FB985	071G 55 19 T	9JR7100000001	FERRITE BEAD D9X3. 5X0.8	1
FB986	071G 55909	9JR7100000029	FERRITE CORE 2.5*3*0.8 BF-L25030W-768	1
FB987	073G 253215 H	9JR7300000096	CHOKE COIL 4.7uH 20% LB4R7 HA	1
HBD901	Q90G0194 1	9JR9000000017	Heatsink	1
HD935	Q90G0195 1	9JR9000000019	Heat Sink	1
HD955	Q90G0194 1	9JR9000000017	Heatsink	1
HQ901	Q90G0194 1	9JR9000000017	Heatsink	1
HQ991	Q90G0194 1	9JR9000000017	Heatsink	1
HQ992	Q90G0195 1	9JR9000000019	Heat Sink	1
HQ994	Q90G0194 1	9JR9000000017	Heatsink	1
HQ997	Q90G0194 1	9JR9000000017	Heatsink	1
HQ999	Q90G0195 1	9JR9000000019	Heat Sink	1
IC901	056G 379901	9JR5600000109	IC SG6961SZ SOP8	1
IC902	056G 379901	9JR5600000109	IC SG6961SZ SOP8	1
IC931	056G 581 7	9JR5600000114	IC TNY277PN DIP-8C	1
IC932	056G 139 7 1	9JR5600000057	IC EL817MA M-TYPE	1
IC951	056G 665 10 1	9JR5600000075	IC RESONANT L6599DTR SO-16N ST	1
IC952	056G 139 7 1	9JR5600000057	IC EL817MA M-TYPE	1
IC953	056G 158 10 T	9JR5600000058	IC AS431AZTR-E1 TO-92	1
IC982	056G 158 10 T	9JR5600000058	IC AS431AZTR-E1 TO-92	1
IC991	056G 139 7 1	9JR5600000057	IC EL817MA M-TYPE	1
IC992	056G 133908	9JR5600000209	IC KIA2431AP TO-92	1
IC993	056G 133908	9JR5600000209	IC KIA2431AP TO-92	1
IC994	056G 133908	9JR5600000209	IC KIA2431AP TO-92	1
IC995	056G 133908	9JR5600000209	IC KIA2431AP TO-92	1
IC996	056G 133908	9JR5600000209	IC KIA2431AP TO-92	1
IC997	056G 133908	9JR5600000209	IC KIA2431AP TO-92	1
IC998	056G 133908	9JR5600000209	IC KIA2431AP TO-92	1
IC999	056G 133908	9JR5600000209	IC KIA2431AP TO-92	1
L901	073G 174185 L	9JR7300000104	LINE FILTER 12MH MIN LF-013142	1

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L902	073G 174185 L	9JR7300000104	LINE FILTER 12MH MIN LF-013142	1
L904	071G 55 21	9JR7100000043	FERRITE BEAD	1
L905	071G 55 21	9JR7100000043	FERRITE BEAD	1
L906	073G 174183 L	9JR7300000102	PFC CHOKE 420UH 5% CC-013130-2	1
L907	073G 174184 L	9JR7300000103	PFC CHOKE 40UH 5% CC-013130-1	1
L931	073G 253 91 L	9JR7300000045	CHOKE BY LI TA	1
L980	073G 253 91 L	9JR7300000045	CHOKE BY LI TA	1
NR901	061G 58900 WT	9JR6100000688	NTC 1R55 SCK101R55LSY	1
Q901	057G 667938	9JR5700000095	MOSFET TK12A60U SC-67	1
Q902	057G 477900 T	9JR5700000052	TRA SIG SM BC847C (KEC0) R	1
Q903	057G 763904	9JR5700000038	TRA FET 2N7002 SOT-23 PHILIPS	1
Q904	057G 477900 T	9JR5700000052	TRA SIG SM BC847C (KEC0) R	1
Q905	057G 477900 T	9JR5700000052	TRA SIG SM BC847C (KEC0) R	1
Q906	057G 477900 T	9JR5700000052	TRA SIG SM BC847C (KEC0) R	1
Q931	057G 761900 T	9JR5700000076	BC857 SOT23	1
Q932	057G 761900 T	9JR5700000076	BC857 SOT23	1
Q933	057G 761900 T	9JR5700000076	BC857 SOT23	1
Q945	057G 420903 T	9JR5700000045	TRA SIG BC327-40 (KEC0) A	1
Q951	057G 611903	9JR5700000092	MOSFET AOTF12N50 TO-220F	1
Q952	057G 611903	9JR5700000092	MOSFET AOTF12N50 TO-220F	1
Q988	057G 477900 T	9JR5700000052	TRA SIG SM BC847C (KEC0) R	1
Q989	057G 477900 T	9JR5700000052	TRA SIG SM BC847C (KEC0) R	1
Q990	057G 477900 T	9JR5700000052	TRA SIG SM BC847C (KEC0) R	1
Q991	057G 600929	9JR5700000091	MOSFET TK12A10K3 12 100 SC67	1
Q992	057G 600926	9JR5700000090	MOSFET 2SK2381 SC-67	1
Q993	057G 600926	9JR5700000090	MOSFET 2SK2381 SC-67	1
Q994	057G 600926	9JR5700000090	MOSFET 2SK2381 SC-67	1
Q995	057G 600926	9JR5700000090	MOSFET 2SK2381 SC-67	1
Q996	057G 600926	9JR5700000090	MOSFET 2SK2381 SC-67	1
Q997	057G 600926	9JR5700000090	MOSFET 2SK2381 SC-67	1
Q998	057G 600926	9JR5700000090	MOSFET 2SK2381 SC-67	1
Q999	057G 600926	9JR5700000090	MOSFET 2SK2381 SC-67	1
R1000	061G203S11552T 9TZ	9JR6100001077	RST MFR 11.5 OHM 1% 1/2WS	1
R1001	061G203S11552T 9TZ	9JR6100001077	RST MFR 11.5 OHM 1% 1/2WS	1
R1002	061G203S11552T 9TZ	9JR6100001077	RST MFR 11.5 OHM 1% 1/2WS	1
R901	061G1206224 JI	9JR6100001068	RST 220K OHM 5% 1/4W TA-I	1
R902	061G1206224 JI	9JR6100001068	RST 220K OHM 5% 1/4W TA-I	1
R903	061G1206224 JI	9JR6100001068	RST 220K OHM 5% 1/4W TA-I	1
R904	061G208M15852T SY	9JR6100001079	RST MOF 0R15 1W 1%	1
R905	061G0805683 JF	9JR6100001056	RST CHIPR 68KOHM +-5% 1/8W FENGHUA	1
R906	061G208M15852T SY	9JR6100001079	RST MOF 0R15 1W 1%	1
R907	061G0805243 JF	9JR6100001021	RST CHIPR 24KOHM +-5% 1/8W FENGHUA	1
R908	061G0805333 JI	9JR6100001035	RST CHIPR 33 KOHM +-5% 1/8W	1

Item	TPV Code Number	SHARP Parts Code	Description	Qty.
R909	061G08056800FF	9JR6100001054	RST CHIPR 680OHM +-1% 1/8W FENGHUA	1
R910	061G12061004FF	9JR6100001059	RST CHIPR 1 MOHM +-1% 1/4W FENGHUA	1
R9100	061G0805153 JI	9JR6100001006	RST 15K OHM 5% 1/8W TA-I	1
R9102	061G 60233252T TZ	9JR6100000596	RST CFR 3K3 1/6W 5%	1
R9103	061G1206000 JT	9JR6100000662	RST CHIPR MAX0R05 1/4W TZAI YUAN	1
R9105	061G 60233252T TZ	9JR6100000596	RST CFR 3K3 1/6W 5%	1
R9107	061G 60222352T TZ	9JR6100000976	RST CFR 22K 1/6W 5%	1
R9108	061G0805332 JI	9JR6100001033	RST CHIPR 3.3 KOHM +-5% 1/8W	1
R9109	061G0805103 JF	9JR6100000960	RST CHIPR 10K OHM +-5% 1/8W FENGHUA	1
R911	061G12061004FF	9JR6100001059	RST CHIPR 1 MOHM +-1% 1/4W FENGHUA	1
R9110	061G0805333 JI	9JR6100001035	RST CHIPR 33 KOHM +-5% 1/8W	1
R9111	061G 60210352T TZ	9JR6100000592	\RST CFR 10K 1/6W 5%	1
R9112	061G0805332 JI	9JR6100001033	RST CHIPR 3.3 KOHM +-5% 1/8W	1
R9113	061G08053300FI	9JR6100001030	TEST ONLY RST 330 OHM 1% 1/8W TA-I	1
R9114	061G0805152 JF	9JR6100001004	RST CHIPR 1.5KOHM +-5% 1/8W FENGHUA	1
R9116	061G0805101 JF	9JR6100000989	RST CHIPR 100 OHM +-5% 1/8W FENGHUA	1
R9118	061G0805332 JI	9JR6100001033	RST CHIPR 3.3 KOHM +-5% 1/8W	1
R9119	061G0805332 JI	9JR6100001033	RST CHIPR 3.3 KOHM +-5% 1/8W	1
R912	061G12061004FF	9JR6100001059	RST CHIPR 1 MOHM +-1% 1/4W FENGHUA	1
R9120	061G 60222052T TZ	9JR6100000594	RST CFR 22R 1/6W 5%	1
R9121	061G1206153 JI	9JR6100001065	RST CHIPR 15 KOHM +-5% 1/4W 1206	1
R9122	061G1206153 JI	9JR6100001065	RST CHIPR 15 KOHM +-5% 1/4W 1206	1
R9123	061G1206153 JI	9JR6100001065	RST CHIPR 15 KOHM +-5% 1/4W 1206	1
R9124	061G1206153 JI	9JR6100001065	RST CHIPR 15 KOHM +-5% 1/4W 1206	1
R9126	061G1206153 JI	9JR6100001065	RST CHIPR 15 KOHM +-5% 1/4W 1206	1
R9127	061G0805109 JI	9JR6100000995	RST CHIP 1R 1/8W 5% TA-I	1
R9128	061G0805109 JI	9JR6100000995	RST CHIP 1R 1/8W 5% TA-I	1
R9129	061G1206512 JI	9JR6100001073	RST 5.1K OHM 5% 1/4W TA-I	1
R913	061G08051802FT	9JR6100000365	RST CHIP 18K 1/8W 1%	1
R914	061G0805153 JI	9JR6100001006	RST 15K OHM 5% 1/8W TA-I	1
R915	061G208M15852T SY	9JR6100001079	RST MOF 0R15 1W 1%	1
R916	061G0805513 JI	9JR6100001052	RST CHIPR 51K OHM +-5% 1/8W 0805	1
R917	061G 60233152T TZ	9JR6100000595	RST CFR 330R 1/6W 5%	1
R918	061G1206331 JF	9JR6100001071	RST CHIPR 330 OHM +-5% 1/4W FENGHUA	1
R919	061G0805151 JF	9JR6100001002	RST CHIPR 150 OHM +-5% 1/8W FENGHUA	1
R920	061G 60210152T TZ	9JR6100000169	RST CFR 100R 1/6W 5%	1
R921	061G08052201FF	9JR6100001013	RST CHIPR 2.2KOHM +-1% 1/8W FENGHUA	1
R922	061G0805224 JF	9JR6100001020	RST CHIPR 220KOHM +-5% 1/8W FENGHUA	1
R923	061G0805330 JI	9JR6100001029	RST CHIPR 33 OHM +-5% 1/8W	1
R924	061G203S11552T 9TZ	9JR6100001077	RST MFR 11.5 OHM 1% 1/2WS	1
R925	061G 60233252T TZ	9JR6100000596	RST CFR 3K3 1/6W 5%	1
R926	061G0805330 JI	9JR6100001029	RST CHIPR 33 OHM +-5% 1/8W	1
R927	061G203S11552T 9TZ	9JR6100001077	RST MFR 11.5 OHM 1% 1/2WS	1

Item	TPV Code Number	SHARP Parts Code	Description	Qty.
R928	061G 60233252T TZ	9JR6100000596	RST CFR 3K3 1/6W 5%	1
R929	061G0805330 JI	9JR6100001029	RST CHIPR 33 OHM +-5% 1/8W	1
R930	061G 60247552T TZ	9JR6100000599	RST CHIP 4M7 1/6W 5%	1
R931	061G0805124 JI	9JR6100001000	RST CHIP 120K 1/8W 5% TA-I	1
R932	061G0805103 JF	9JR6100000960	RST CHIPR 10K OHM +-5% 1/8W FENGHUA	1
R933	061G1206225 JI	9JR6100001069	RST 2.2M OHM 5% 1/4W TA-I	1
R934	061G1206225 JI	9JR6100001069	RST 2.2M OHM 5% 1/4W TA-I	1
R935	061G1206225 JI	9JR6100001069	RST 2.2M OHM 5% 1/4W TA-I	1
R936	061G0805103 JF	9JR6100000960	RST CHIPR 10K OHM +-5% 1/8W FENGHUA	1
R937	061G 60222052T	9JR6100000975	CFR 22 OHM+-5% 1/6W	1
R938	061G0805101 JF	9JR6100000989	RST CHIPR 100 OHM +-5% 1/8W FENGHUA	1
R939	061G0805472 JI	9JR6100001046	RST CHIPR 4.7 KOHM +-5% 1/8W 0805	1
R940	061G203S11552T 9TZ	9JR6100001077	RST MFR 11.5 OHM 1% 1/2WS	1
R941	061G 60233252T TZ	9JR6100000596	RST CFR 3K3 1/6W 5%	1
R942	061G0805471 JF	9JR6100001045	RST CHIPR 470 OHM +-5% 1/8W FENGHUA	1
R943	061G0805332 JI	9JR6100001033	RST CHIPR 3.3 KOHM +-5% 1/8W	1
R944	061G 60233252T TZ	9JR6100000596	RST CFR 3K3 1/6W 5%	1
R945	061G0805473 JF	9JR6100001047	RST CHIPR 47K OHM +-5% 1/8W FENGHUA	1
R946	061G0805153 JI	9JR6100001006	RST 15K OHM 5% 1/8W TA-I	1
R947	061G0805331 JI	9JR6100001031	RST CHIPR 330 OHM +-5% 1/8W	1
R948	061G0805223 JI	9JR6100001018	RST CHIPR 22 KOHM +-5% 1/8W	1
R949	061G 60233252T TZ	9JR6100000596	RST CFR 3K3 1/6W 5%	1
R950	061G 60233252T TZ	9JR6100000596	RST CFR 3K3 1/6W 5%	1
R951	061G0805330 JI	9JR6100001029	RST CHIPR 33 OHM +-5% 1/8W	1
R952	061G0805152 JF	9JR6100001004	RST CHIPR 1.5KOHM +-5% 1/8W FENGHUA	1
R953	061G203S11552T 9TZ	9JR6100001077	RST MFR 11.5 OHM 1% 1/2WS	1
R954	061G0805330 JI	9JR6100001029	RST CHIPR 33 OHM +-5% 1/8W	1
R955	061G 60210452T TZ	9JR6100000593	RST CFR 100K 1/6W 5%	1
R956	061G0805333 JI	9JR6100001035	RST CHIPR 33 KOHM +-5% 1/8W	1
R957	061G 60233252T TZ	9JR6100000596	RST CFR 3K3 1/6W 5%	1
R958	061G08052702FF	9JR6100001023	RST CHIPR 27KOHM +-1% 1/8W FENGHUA	1
R959	061G0805105 JF	9JR6100000993	RST CHIPR 1M OHM +- 5% 1/8W FENGHUA	1
R960	061G0805101 JF	9JR6100000989	RST CHIPR 100 OHM +-5% 1/8W FENGHUA	1
R961	061G0805513 JI	9JR6100001052	RST CHIPR 51K OHM +-5% 1/8W 0805	1
R962	061G0805101 JF	9JR6100000989	RST CHIPR 100 OHM +-5% 1/8W FENGHUA	1
R963	061G0805513 JI	9JR6100001052	RST CHIPR 51K OHM +-5% 1/8W 0805	1
R964	061G0805391 JI	9JR6100001039	RST CHIP 390 OHM +-5% 1/8W	1
R965	061G1206682 JF	9JR6100001075	RST CHIPR 6.8KOHM +-5% 1/4W FENGHUA	1
R966	061G0805222 JF	9JR6100001016	RST CHIPR 2.2KOHM +-5% 1/8W FENGHUA	1
R967	061G0805331 JI	9JR6100001031	RST CHIPR 330 OHM +-5% 1/8W	1
R968	061G0805472 JI	9JR6100001046	RST CHIPR 4.7 KOHM +-5% 1/8W 0805	1
R969	061G1206102 JF	9JR6100001062	RST CHIPR 1KOHM +-5% 1/4W FENGHUA	1
R970	061G0805223 JI	9JR6100001018	RST CHIPR 22 KOHM +-5% 1/8W	1

Item	TPV Code Number	SHARP Parts Code	Description	Qty.
R971	061G 60222052T	9JR6100000975	CFR 22 OHM+-5% 1/6W	1
R972	061G08052202FF	9JR6100001014	RST CHIPR 22KOHM +-1% 1/8W FENGHUA	1
R973	061G08052201FF	9JR6100001013	RST CHIPR 2.2KOHM +-1% 1/8W FENGHUA	1
R974	061G0805330 JI	9JR6100001029	RST CHIPR 33 OHM +-5% 1/8W	1
R975	061G08051801FF	9JR6100001008	RST CHIPR 1.8KOHM +-1% 1/8W FENGHUA	1
R976	061G203S11552T 9TZ	9JR6100001077	RST MFR 11.5 OHM 1% 1/2WS	1
R977	061G0805103 JF	9JR6100000960	RST CHIPR 10K OHM +-5% 1/8W FENGHUA	1
R978	061G0805472 JI	9JR6100001046	RST CHIPR 4.7 KOHM +-5% 1/8W 0805	1
R979	061G0805472 JI	9JR6100001046	RST CHIPR 4.7 KOHM +-5% 1/8W 0805	1
R980	061G0805272 JF	9JR6100001025	RST CHIPR 2.7KOHM +-5% 1/8W FENGHUA	1
R981	061G08054702FI	9JR6100001044	RST CHIPR 47KOHM +-1% 1/8W	1
R982	061G0805470 JI	9JR6100001042	RST CHIPR 47 OHM +-5% 1/8W 0805	1
R983	061G 60247152T TZ	9JR6100000597	RST CFR 470R 1/6W 5%	1
R984	061G0805123 JF	9JR6100000998	RST CHIPR 12KOHM +-5% 1/8W FENGHUA	1
R985	061G0805103 JF	9JR6100000960	RST CHIPR 10K OHM +-5% 1/8W FENGHUA	1
R986	061G0805331 JI	9JR6100001031	RST CHIPR 330 OHM +-5% 1/8W	1
R987	061G 60268252T TZ	9JR6100000979	RST CFR 6K8 1/6W 5%	1
R988	061G0805474 JI	9JR6100001049	RST CHIPR 470 KOHM +-5% 1/8W 0805	1
R989	061G 60210052T TZ	9JR6100000361	RST CFR 10R 1/6W 5%	1
R990	061G1206100 JF	9JR6100000961	RST CHIPR 10 OHM +-5% 1/4W FENGHUA	1
R991	061G08051202FI	9JR6100000997	RST CHIP 12K 1/8W 1% TA-I	1
R992	061G08051802FT	9JR6100000365	RST CHIP 18K 1/8W 1%	1
R993	061G08052702FI	9JR6100001024	RST CHIPR 27KOHM +-1% 1/8W	1
R994	061G0805103 JF	9JR6100000960	RST CHIPR 10K OHM +-5% 1/8W FENGHUA	1
R995	061G0805332 JI	9JR6100001033	RST CHIPR 3.3 KOHM +-5% 1/8W	1
R996	061G0805103 JF	9JR6100000960	RST CHIPR 10K OHM +-5% 1/8W FENGHUA	1
R997	061G08054702FI	9JR6100001044	RST CHIPR 47KOHM +-1% 1/8W	1
R998	061G0805103 JF	9JR6100000960	RST CHIPR 10K OHM +-5% 1/8W FENGHUA	1
R999	061G0805332 JI	9JR6100001033	RST CHIPR 3.3 KOHM +-5% 1/8W	1
RV901	061G 46561 WB	9JR6100000963	VARISTOR 561V TVR14561KFAOZF	1
RV903	061G 46902	9JR6100000291	VARISTOR 510V TVR14511KFC4FY	1
SG901	062G 10 18 KW	9JR6200000004	SURGE PROTECT GS41-201MA A	1
SG902	062G 10 18 KW	9JR6200000004	SURGE PROTECT GS41-201MA A	1
SG903	062G 10 18 KW	9JR6200000004	SURGE PROTECT GS41-201MA A	1
SG904	062G 10 18 KW	9JR6200000004	SURGE PROTECT GS41-201MA A	1
T901	080GL32P 29 L	9JR8000000022	X'FMR 1MH 10% 20UH PT-013084	1
T902	080GL32P 28 L	9JR8000000021	X'FMR X'FMR 3MH 3MH 10%	1
ZD930	093G 3992152T	9JR9300000004	DIODE BZX79-C9V1 DO-35	1
ZD931	093G 3990752T	9JR9300000002	DIO REG BZX79-C5V1 A (PHSE) A	1
ZD980	093G 3993252T	9JR9300000170	DIODE P6KE160A DO-15	1
ZD981	093G 3990252T	9JR9300000121	BZX79-C15	1
ZD983	093G 3994852T	9JR9300000142	DIODE ZENER BZX79-C24 DO-35	1
ZD984	093G 3990252T	9JR9300000121	BZX79-C15	1

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Item	TPV Code Number	SHARP Parts Code	Description	Qty.
BD901	093G 50460 34	9JR9300000122	BRIDGE KBJ608G 6A/800V KBJ	1
C901	063G107K474 UU	9JR6300000030	CAP X2 0.47UF 10% 305VAC	1
C902	065G306M1022B3	9JR6500000186	Y1 CAP 1000PF M 250VAC TDK	1
C903	065G306M1022B3	9JR6500000186	Y1 CAP 1000PF M 250VAC TDK	1
C904	063G107K474 UU	9JR6300000030	CAP X2 0.47UF 10% 305VAC	1
C906	065G306M1022B3	9JR6500000186	Y1 CAP 1000PF M 250VAC TDK	1
C907	067G 43R47015K	9JR7100000081	EC 47UF 20% 450V 13*35	1
C908	065G306M1022B3	9JR6500000186	Y1 CAP 1000PF M 250VAC TDK	1
C909	065G306M1022B3	9JR6500000186	Y1 CAP 1000PF M 250VAC TDK	1
C910	063G216K105HCU	9JR6300000028	CAP MPP 1UF 10% 500V BULK (B)	1
C911	065G080533422K A	9JR6500000479	MLCC 0805 330NF 25V X7R +/-10% SAMSUNG	1
C912	065G080533422K A	9JR6500000479	MLCC 0805 330NF 25V X7R +/-10% SAMSUNG	1
C913	065G080533422K A	9JR6500000479	MLCC 0805 330NF 25V X7R +/-10% SAMSUNG	1
C914	065G080522512K 3	9JR6500000328	CAP CHIP 0805 2U2 16V X7R +/-10%	1
C915	065G080510232K A	9JR6500000365	CAP CHIP 0805 1000pF K 50V X7R	1
C916	067G 43R47015K	9JR7100000081	EC 47UF 20% 450V 13*35	1
C917	065G080510432K A	9JR6500000370	CAP CHIP 0805 100nF K 50V X7R	1
C918	067G 43R47015K	9JR7100000081	EC 47UF 20% 450V 13*35	1
C931	065G080533422K A	9JR6500000479	MLCC 0805 330NF 25V X7R +/-10% SAMSUNG	1
C932	065G080522432K Y	9JR6500000453	CAP CHIP 0805 0.22UF K 50V X7R	1
C933	065G080533131J A	9JR6500000477	MLCC 0805 330pF 50V NPO +/-5% SAMSUNG	1
C934	067G 305479 7C	9JR6700000147	EC 4U7 50V KM 5*11mm	1
C935	065G080510432K A	9JR6500000370	CAP CHIP 0805 100nF K 50V X7R	1
C936	065G120610432K A	9JR6500000384	CAP CHIP 1206 0.1UF K 50V X7R	1
C937	065G120610532K T	9JR6500000462	CAP CHIP 1206 1uF K 50V X7R	1
C938	065G080510131J A	9JR6500000476	CAP CHIP 0805 100pF J 50V NPO	1
C940	065G080510432K A	9JR6500000370	CAP CHIP 0805 100nF K 50V X7R	1
C941	063G210J2234CC	9JR6300000012	CAP MPP 22NF 630V 5%	1
C942	065G080510232K A	9JR6500000365	CAP CHIP 0805 1000pF K 50V X7R	1
C943	067G415Y152 7C	9JR6700000236	EC 1500uF +20% 50V GF 13*45	1
C945	067G515Z10110K	9JR7100000093	EC 100UF 20% 160V 12.5*30	1
C946	067G 2154714CT	9JR6700000160	EC 470uF 25V GF 10x12mm	1
C947	067G 3054704CT	9JR6700000121	EC 47uF 25V KM 5x11mm	1
C948	065G080533232K A	9JR6500000478	CAP CHIP 0805 3.3NF K 50V X7R	1
C949	065G080510432K A	9JR6500000370	CAP CHIP 0805 100nF K 50V X7R	1
C950	067G515Z10110K	9JR7100000093	EC 100UF 20% 160V 12.5*30	1
C951	067G 30547910C	9JR7100000071	EC 4.7UF 20% 160V 8*11.5	1
C953	065G 1K1529AT	9JR6500000306	C CAP. 1500PF 1KV	1
C954	065G 1K1019AT	9JR6500000222	C CAP. 100PF 1KV RR	1
C955	065G 1K1019AT	9JR6500000222	C CAP. 100PF 1KV RR	1
C956	065G517K152 2T	9JR6500000464	1500pf 10% z5p 500v	1

Item	TPV Code Number	SHARP Parts Code	Description	Qty.
C960	065G 1K4719AT	9JR6500000449	C CAP. 470PF 1KV RR	1
C980	065G517K1522AT	9JR6500000223	CER2 DC B 500V S 1N5 PM10 A	1
C981	067G 3053307CT	9JR6700000054	105□ RADIAL E-CAPACTOR 33uF 50V	1
C983	065G080510432K A	9JR6500000370	CAP CHIP 0805 100nF K 50V X7R	1
C984	064G 47G1031AT EU	9JR6400000004	F/C PPN 0.01uF 100V 2% EUROPTRONIC	1
C985	067G515Y102 2C	9JR6700000237	EC 1000uF 20% 10V GF 10*16	1
C986	067G 3054704CT	9JR6700000121	EC 47uF 25V KM 5x11mm	1
C987	067G515Y102 2C	9JR6700000237	EC 1000uF 20% 10V GF 10*16	1
C989	065G080510432K A	9JR6500000370	CAP CHIP 0805 100nF K 50V X7R	1
C990	067G 3051007CT	9JR7100000069	EC 10UF/50V KM 5*11mm	1
C991	065G080510232K A	9JR6500000365	CAP CHIP 0805 1000pF K 50V X7R	1
C992	067G 4153317KV	9JR7100000077	eC 330UF 20% 50V EP 12.5*12	1
C993	065G080510332K A	9JR6500000367	CAP CHIP 0805 10nF K 50V X7R	1
C994	065G080510332K A	9JR6500000367	CAP CHIP 0805 10nF K 50V X7R	1
C995	065G060315031J A	9JR6500000400	CAP CHIP 0603 15PF J 50V NPO	1
C996	065G080510332K A	9JR6500000367	CAP CHIP 0805 10nF K 50V X7R	1
C997	065G080510522K Y	9JR6500000170	CAP CHIP 0805 1UF K 25V X7R	1
C998	065G080522432K A	9JR6500000377	CAP CHIP 0805 0.22UF K 50V X7R	1
CN901	311GW396A04ABX	9JR3110000002	WAFER 3.96mm 4P (³é 2,3N)	1
CN902	095G 82513X933	9JR9500000125	HARNESS 13P(SCN) - 13P 380mm	1
CN903	095G 825 7X903	9JR9500000122	HARNESS 7P(SCN) - 13P 290mm	1
CN904	095G 825 7X904	9JR9500000123	HARNESS 7P(SCN) - 12P 290mm	1
D902	093G 52 56	9JR9300000138	DIODE FMN-1106S 10A/600V TO-220	1
D903	093G 52S900 T	9JR9300000127	DIODE BAV103 SOD-80C PHILIPS	1
D935	093G 60507	9JR9300000068	SRF1060	1
D951	093G 52S900 T	9JR9300000127	DIODE BAV103 SOD-80C PHILIPS	1
D952	093G 52S900 T	9JR9300000127	DIODE BAV103 SOD-80C PHILIPS	1
D953	093C 6451952T	9JR9300000168	DIODE BAV21 SEMTECH	1
D954	093C 6451952T	9JR9300000168	DIODE BAV21 SEMTECH	1
D955	093G 60935	9JR9300000177	DIODE MBRF20100CT ITO-220AB	1
D956	093G 52901	9JR9300000174	DIODE SB240 DO-41	1
D957	093G 64S522SEM	9JR9300000061	LL4148	1
D958	093G 64S522SEM	9JR9300000061	LL4148	1
D959	093C 6451952T	9JR9300000168	DIODE BAV21 SEMTECH	1
D960	093G 52S900 T	9JR9300000127	DIODE BAV103 SOD-80C PHILIPS	1
D961	093C 6451952T	9JR9300000168	DIODE BAV21 SEMTECH	1
D962	093G 52901	9JR9300000174	DIODE SB240 DO-41	1
D963	093C 6451952T	9JR9300000168	DIODE BAV21 SEMTECH	1
D980	093G108090052T	9JR9300000131	DIODE UG1006 1A 800V DO-41	1
D983	093G201090052T	9JR9300000090	DIODE SR210 100V 2A DO-15	1
D984	093G201090052T	9JR9300000090	DIODE SR210 100V 2A DO-15	1
D985	093G 60288	9JR9300000175	DIODE MBRF10100CT 10A/100V ITO-220AB	1
D986	093G 64S 38SEM	9JR9300000181	BAW56 SOT-23 SEMTECH	1

Item	TPV Code Number	SHARP Parts Code	Description	Qty.
D987	093G 64S 38SEM	9JR9300000181	BAW56 SOT-23 SEMTECH	1
D988	093G 64S 38SEM	9JR9300000181	BAW56 SOT-23 SEMTECH	1
D989	093G 64S 38SEM	9JR9300000181	BAW56 SOT-23 SEMTECH	1
D990	093C 6451952T	9JR9300000168	DIODE BAV21 SEMTECH	1
D991	093G 52 73	9JR9300000173	DIODE 1N5408 3A/1000V DO-201AD	1
F901	084G 41 4	9JR8400000012	FUSE 250V 4A	1
F902	084G 41 4	9JR8400000012	FUSE 250V 4A	1
FB904	071G 55909	9JR7100000029	FERRITE CORE 2.5*3*0.8 BF-L25030W-768	1
FB905	071G 55 8	9JR7100000028	FERRITE BEAD	1
FB980	071G 55909	9JR7100000029	FERRITE CORE 2.5*3*0.8 BF-L25030W-768	1
FB982	071G 55909	9JR7100000029	FERRITE CORE 2.5*3*0.8 BF-L25030W-768	1
FB983	071G 55909	9JR7100000029	FERRITE CORE 2.5*3*0.8 BF-L25030W-768	1
FB984	071G 55909	9JR7100000029	FERRITE CORE 2.5*3*0.8 BF-L25030W-768	1
FB985	071G 55 19 T	9JR7100000001	FERRITE BEAD D9X3. 5X0.8	1
FB986	071G 55909	9JR7100000029	FERRITE CORE 2.5*3*0.8 BF-L25030W-768	1
FB987	073G 253215 H	9JR7300000096	CHOKE COIL 4.7uH 20% LB4R7 HA	1
HBD901	Q90G0194 1	9JR9000000017	Heatsink	1
HD935	Q90G0195 1	9JR9000000019	Heat Sink	1
HD955	Q90G0194 1	9JR9000000017	Heatsink	1
HQ901	Q90G0194 1	9JR9000000017	Heatsink	1
HQ991	Q90G0194 1	9JR9000000017	Heatsink	1
HQ992	Q90G0195 1	9JR9000000019	Heat Sink	1
HQ994	Q90G0194 1	9JR9000000017	Heatsink	1
HQ997	Q90G0194 1	9JR9000000017	Heatsink	1
HQ999	Q90G0195 1	9JR9000000019	Heat Sink	1
IC901	056G 379164	9JR5600000211	IC FAN6961SZ SOP-8	1
IC902	056G 379164	9JR5600000211	IC FAN6961SZ SOP-8	1
IC931	056G 581 7	9JR5600000114	IC TNY277PN DIP-8C	1
IC932	056G 139 7 1	9JR5600000057	IC EL817MA M-TYPE	1
IC951	056G 665 10 1	9JR5600000075	IC RESONANT L6599DTR SO-16N ST	1
IC952	056G 139 7 1	9JR5600000057	IC EL817MA M-TYPE	1
IC953	056G 158 10 T	9JR5600000058	IC AS431AZTR-E1 TO-92	1
IC982	056G 158 10 T	9JR5600000058	IC AS431AZTR-E1 TO-92	1
IC991	056G 139 7 1	9JR5600000057	IC EL817MA M-TYPE	1
IC992	056G 563216	9JR5600000194	IC DC/DC AZ432AZTR-G1 TO-92	1
IC993	056G 563216	9JR5600000194	IC DC/DC AZ432AZTR-G1 TO-92	1
IC994	056G 563216	9JR5600000194	IC DC/DC AZ432AZTR-G1 TO-92	1
IC995	056G 563216	9JR5600000194	IC DC/DC AZ432AZTR-G1 TO-92	1
IC996	056G 563216	9JR5600000194	IC DC/DC AZ432AZTR-G1 TO-92	1
IC997	056G 563216	9JR5600000194	IC DC/DC AZ432AZTR-G1 TO-92	1
IC998	056G 563216	9JR5600000194	IC DC/DC AZ432AZTR-G1 TO-92	1
IC999	056G 563216	9JR5600000194	IC DC/DC AZ432AZTR-G1 TO-92	1
L901	073G 174185 H	9JR7300000088	LINE FILTER 12MH MIN LCL-12009 HA	1

Item	TPV Code Number	SHARP Parts Code	Description	Qty.
L902	073G 174185 H	9JR7300000088	LINE FILTER 12MH MIN LCL-12009 HA	1
L904	071G 55 21	9JR7100000043	FERRITE BEAD	1
L905	071G 55 21	9JR7100000043	FERRITE BEAD	1
L906	073G 174197 S	9JR7300000105	PFC CHOKE 350uH 15% BCK-P33-08310	1
L907	073G 174198 S	9JR7300000106	PFC CHOKE 50uH 15% BCK-P33-02810	1
L931	073G 253 91 V	9JR7300000072	CHOKE COIL 3.5uH+-10%	1
L980	073G 253 91 V	9JR7300000072	CHOKE COIL 3.5uH+-10%	1
NR901	061G 58900 WT	9JR6100000688	NTC 1R55 SCK101R55LSY	1
Q901	057G 667938	9JR5700000095	MOSFET TK12A60U SC-67	1
Q902	057G 477900 T	9JR5700000052	TRA SIG SM BC847C (KEC0) R	1
Q903	057G 759 2	9JR5700000055	RK7002FD5T116 SOT-23 BY ROHM	1
Q904	057G 477900 T	9JR5700000052	TRA SIG SM BC847C (KEC0) R	1
Q905	057G 477900 T	9JR5700000052	TRA SIG SM BC847C (KEC0) R	1
Q906	057G 477900 T	9JR5700000052	TRA SIG SM BC847C (KEC0) R	1
Q931	057G 761900 T	9JR5700000076	BC857 SOT23	1
Q932	057G 761900 T	9JR5700000076	BC857 SOT23	1
Q933	057G 761900 T	9JR5700000076	BC857 SOT23	1
Q945	057G 420903 T	9JR5700000045	TRA SIG BC327-40 (KEC0) A	1
Q951	057G 611903	9JR5700000092	MOSFET AOTF12N50 TO-220F	1
Q952	057G 611903	9JR5700000092	MOSFET AOTF12N50 TO-220F	1
Q988	057G 477900 T	9JR5700000052	TRA SIG SM BC847C (KEC0) R	1
Q989	057G 477900 T	9JR5700000052	TRA SIG SM BC847C (KEC0) R	1
Q990	057G 477900 T	9JR5700000052	TRA SIG SM BC847C (KEC0) R	1
Q991	057G 600929	9JR5700000091	MOSFET TK12A10K3 12 100 SC67	1
Q992	057G 600926	9JR5700000090	MOSFET 2SK2381 SC-67	1
Q993	057G 600926	9JR5700000090	MOSFET 2SK2381 SC-67	1
Q994	057G 600926	9JR5700000090	MOSFET 2SK2381 SC-67	1
Q995	057G 600926	9JR5700000090	MOSFET 2SK2381 SC-67	1
Q996	057G 600926	9JR5700000090	MOSFET 2SK2381 SC-67	1
Q997	057G 600926	9JR5700000090	MOSFET 2SK2381 SC-67	1
Q998	057G 600926	9JR5700000090	MOSFET 2SK2381 SC-67	1
Q999	057G 600926	9JR5700000090	MOSFET 2SK2381 SC-67	1
R901	061G1206224 JI	9JR6100001068	RST 220K OHM 5% 1/4W TA-I	1
R902	061G1206224 JI	9JR6100001068	RST 220K OHM 5% 1/4W TA-I	1
R903	061G1206224 JI	9JR6100001068	RST 220K OHM 5% 1/4W TA-I	1
R904	061G152M12852T SY	9JR6100001152	RST MOF 0R12 5% 2W	1
R905	061G0805683 JF	9JR6100001056	RST CHIPR 68KOHM +-5% 1/8W FENGHUA	1
R906	061G152M12852T SY	9JR6100001152	RST MOF 0R12 5% 2W	1
R907	061G0805243 JF	9JR6100001021	RST CHIPR 24KOHM +-5% 1/8W FENGHUA	1
R908	061G0805333 JI	9JR6100001035	RST CHIPR 33 KOHM +-5% 1/8W	1
R909	061G08056800FF	9JR6100001054	RST CHIPR 680OHM +-1% 1/8W FENGHUA	1
R910	061G12061004FF	9JR6100001059	RST CHIPR 1 MOHM +-1% 1/4W FENGHUA	1
R9100	061G0805153 JI	9JR6100001006	RST 15K OHM 5% 1/8W TA-I	1

Item	TPV Code Number	SHARP Parts Code	Description	Qty.
R9102	061G 60233252T TZ	9JR6100000596	RST CFR 3K3 1/6W 5%	1
R9103	061G1206000 JF	9JR6100001117	RST CHIPR MAX0R05 1/4W FENGHUA	1
R9104	061G203S11552T 9TZ	9JR6100001077	RST MFR 11.5 OHM 1% 1/2WS	1
R9105	061G 60233252T TZ	9JR6100000596	RST CFR 3K3 1/6W 5%	1
R9106	061G203S11552T 9TZ	9JR6100001077	RST MFR 11.5 OHM 1% 1/2WS	1
R9107	061G 60222352T TZ	9JR6100000976	RST CFR 22K 1/6W 5%	1
R9108	061G0805332 JI	9JR6100001033	RST CHIPR 3.3 KOHM +-5% 1/8W	1
R9109	061G0805103 JF	9JR6100000960	RST CHIPR 10K OHM +-5% 1/8W FENGHUA	1
R911	061G12061004FF	9JR6100001059	RST CHIPR 1 MOHM +-1% 1/4W FENGHUA	1
R9110	061G0805333 JI	9JR6100001035	RST CHIPR 33 KOHM +-5% 1/8W	1
R9111	061G 60210352T TZ	9JR6100000592	\RST CFR 10K 1/6W 5%	1
R9112	061G 60233252T TZ	9JR6100000596	RST CFR 3K3 1/6W 5%	1
R9113	061G08053301FT	9JR6100001138	RST CHIP 3K3 1/8W 1%	1
R9114	061G0805152 JF	9JR6100001004	RST CHIPR 1.5KOHM +-5% 1/8W FENGHUA	1
R9116	061G0805101 JF	9JR6100000989	RST CHIPR 100 OHM +-5% 1/8W FENGHUA	1
R9117	061G203S11552T 9TZ	9JR6100001077	RST MFR 11.5 OHM 1% 1/2WS	1
R9118	061G0805332 JI	9JR6100001033	RST CHIPR 3.3 KOHM +-5% 1/8W	1
R9119	061G0805332 JI	9JR6100001033	RST CHIPR 3.3 KOHM +-5% 1/8W	1
R912	061G12061004FF	9JR6100001059	RST CHIPR 1 MOHM +-1% 1/4W FENGHUA	1
R9120	061G 60222052T TZ	9JR6100000594	RST CFR 22R 1/6W 5%	1
R9127	061G0805109 JI	9JR6100000995	RST CHIP 1R 1/8W 5% TA-I	1
R9128	061G0805109 JI	9JR6100000995	RST CHIP 1R 1/8W 5% TA-I	1
R9129	061G1206512 JI	9JR6100001073	RST 5.1K OHM 5% 1/4W TA-I	1
R913	061G08051802FT	9JR6100000365	RST CHIP 18K 1/8W 1%	1
R9130	061G0805100 JF	9JR6100001116	RST CHIPR 10 OHM +-5% 1/10W FENGHUA	1
R914	061G0805153 JI	9JR6100001006	RST 15K OHM 5% 1/8W TA-I	1
R915	061G208M15852T SY	9JR6100001079	RST MOF 0R15 1W 1%	1
R916	061G0805513 JI	9JR6100001052	RST CHIPR 51K OHM +-5% 1/8W 0805	1
R917	061G 60233152T TZ	9JR6100000595	RST CFR 330R 1/6W 5%	1
R918	061G1206331 JF	9JR6100001071	RST CHIPR 330 OHM +-5% 1/4W FENGHUA	1
R919	061G0805151 JF	9JR6100001002	RST CHIPR 150 OHM +-5% 1/8W FENGHUA	1
R920	061G0805101 JT	9JR6100000990	RST CHIP 100R 1/8W 5% TZAI YUAN	1
R921	061G08052201FF	9JR6100001013	RST CHIPR 2.2KOHM +-1% 1/8W FENGHUA	1
R922	061G0805224 JF	9JR6100001020	RST CHIPR 220KOHM +-5% 1/8W FENGHUA	1
R923	061G0805330 JI	9JR6100001029	RST CHIPR 33 OHM +-5% 1/8W	1
R924	061G203S11552T 9TZ	9JR6100001077	RST MFR 11.5 OHM 1% 1/2WS	1
R925	061G 60233252T TZ	9JR6100000596	RST CFR 3K3 1/6W 5%	1
R926	061G0805330 JI	9JR6100001029	RST CHIPR 33 OHM +-5% 1/8W	1
R927	061G203S11552T 9TZ	9JR6100001077	RST MFR 11.5 OHM 1% 1/2WS	1
R928	061G 60233252T TZ	9JR6100000596	RST CFR 3K3 1/6W 5%	1
R929	061G0805330 JI	9JR6100001029	RST CHIPR 33 OHM +-5% 1/8W	1
R930	061G 60247552T TZ	9JR6100000599	RST CHIP 4M7 1/6W 5%	1
R931	061G0805124 JI	9JR6100001000	RST CHIP 120K 1/8W 5% TA-I	1

Item	TPV Code Number	SHARP Parts Code	Description	Qty.
R932	061G0805103 JF	9JR6100000960	RST CHIPR 10K OHM +-5% 1/8W FENGHUA	1
R933	061G1206225 JI	9JR6100001069	RST 2.2M OHM 5% 1/4W TA-I	1
R934	061G1206225 JI	9JR6100001069	RST 2.2M OHM 5% 1/4W TA-I	1
R935	061G1206225 JI	9JR6100001069	RST 2.2M OHM 5% 1/4W TA-I	1
R936	061G0805103 JF	9JR6100000960	RST CHIPR 10K OHM +-5% 1/8W FENGHUA	1
R937	061G 60222052T	9JR6100000975	CFR 22 OHM+-5% 1/6W	1
R938	061G0805101 JF	9JR6100000989	RST CHIPR 100 OHM +-5% 1/8W FENGHUA	1
R939	061G0805472 JI	9JR6100001046	RST CHIPR 4.7 KOHM +-5% 1/8W 0805	1
R940	061G203S11552T 9TZ	9JR6100001077	RST MFR 11.5 OHM 1% 1/2WS	1
R941	061G 60233252T TZ	9JR6100000596	RST CFR 3K3 1/6W 5%	1
R942	061G0805471 JF	9JR6100001045	RST CHIPR 470 OHM +-5% 1/8W FENGHUA	1
R943	061G0805332 JI	9JR6100001033	RST CHIPR 3.3 KOHM +-5% 1/8W	1
R944	061G 60233252T TZ	9JR6100000596	RST CFR 3K3 1/6W 5%	1
R945	061G0805473 JF	9JR6100001047	RST CHIPR 47K OHM +-5% 1/8W FENGHUA	1
R946	061G0805153 JI	9JR6100001006	RST 15K OHM 5% 1/8W TA-I	1
R947	061G0805331 JI	9JR6100001031	RST CHIPR 330 OHM +-5% 1/8W	1
R948	061G0805223 JI	9JR6100001018	RST CHIPR 22 KOHM +-5% 1/8W	1
R949	061G 60233252T TZ	9JR6100000596	RST CFR 3K3 1/6W 5%	1
R950	061G 60233252T TZ	9JR6100000596	RST CFR 3K3 1/6W 5%	1
R951	061G0805330 JI	9JR6100001029	RST CHIPR 33 OHM +-5% 1/8W	1
R952	061G0805152 JF	9JR6100001004	RST CHIPR 1.5KOHM +-5% 1/8W FENGHUA	1
R953	061G203S11552T 9TZ	9JR6100001077	RST MFR 11.5 OHM 1% 1/2WS	1
R954	061G0805330 JI	9JR6100001029	RST CHIPR 33 OHM +-5% 1/8W	1
R955	061G 60210452T TZ	9JR6100000593	RST CFR 100K 1/6W 5%	1
R956	061G0805333 JI	9JR6100001035	RST CHIPR 33 KOHM +-5% 1/8W	1
R957	061G 60233252T TZ	9JR6100000596	RST CFR 3K3 1/6W 5%	1
R958	061G08052702FF	9JR6100001023	RST CHIPR 27KOHM +-1% 1/8W FENGHUA	1
R959	061G0805105 JF	9JR6100000993	RST CHIPR 1M OHM +- 5% 1/8W FENGHUA	1
R960	061G0805101 JF	9JR6100000989	RST CHIPR 100 OHM +-5% 1/8W FENGHUA	1
R961	061G0805513 JI	9JR6100001052	RST CHIPR 51K OHM +-5% 1/8W 0805	1
R962	061G0805101 JF	9JR6100000989	RST CHIPR 100 OHM +-5% 1/8W FENGHUA	1
R963	061G0805513 JI	9JR6100001052	RST CHIPR 51K OHM +-5% 1/8W 0805	1
R964	061G0805391 JI	9JR6100001039	RST CHIP 390 OHM +-5% 1/8W	1
R965	061G1206682 JF	9JR6100001075	RST CHIPR 6.8KOHM +-5% 1/4W FENGHUA	1
R966	061G0805222 JF	9JR6100001016	RST CHIPR 2.2KOHM +-5% 1/8W FENGHUA	1
R967	061G0805331 JI	9JR6100001031	RST CHIPR 330 OHM +-5% 1/8W	1
R968	061G0805472 JI	9JR6100001046	RST CHIPR 4.7 KOHM +-5% 1/8W 0805	1
R969	061G1206102 JF	9JR6100001062	RST CHIPR 1KOHM +-5% 1/4W FENGHUA	1
R970	061G0805223 JI	9JR6100001018	RST CHIPR 22 KOHM +-5% 1/8W	1
R971	061G 60222052T	9JR6100000975	CFR 22 OHM+-5% 1/6W	1
R972	061G08052202FF	9JR6100001014	RST CHIPR 22KOHM +-1% 1/8W FENGHUA	1
R973	061G08052201FF	9JR6100001013	RST CHIPR 2.2KOHM +-1% 1/8W FENGHUA	1
R974	061G0805330 JI	9JR6100001029	RST CHIPR 33 OHM +-5% 1/8W	1

Item	TPV Code Number	SHARP Parts Code	Description	Qty.
R975	061G08051801FF	9JR6100001008	RST CHIPR 1.8KOHM +-1% 1/8W FENGHUA	1
R976	061G203S11552T 9TZ	9JR6100001077	RST MFR 11.5 OHM 1% 1/2WS	1
R977	061G0805103 JF	9JR6100000960	RST CHIPR 10K OHM +-5% 1/8W FENGHUA	1
R978	061G0805472 JI	9JR6100001046	RST CHIPR 4.7 KOHM +-5% 1/8W 0805	1
R979	061G0805472 JI	9JR6100001046	RST CHIPR 4.7 KOHM +-5% 1/8W 0805	1
R980	061G0805272 JF	9JR6100001025	RST CHIPR 2.7KOHM +-5% 1/8W FENGHUA	1
R981	061G08054702FI	9JR6100001044	RST CHIPR 47KOHM +-1% 1/8W	1
R982	061G0805470 JI	9JR6100001042	RST CHIPR 47 OHM +-5% 1/8W 0805	1
R983	061G 60247152T TZ	9JR6100000597	RST CFR 470R 1/6W 5%	1
R984	061G0805123 JF	9JR6100000998	RST CHIPR 12KOHM +-5% 1/8W FENGHUA	1
R985	061G0805103 JF	9JR6100000960	RST CHIPR 10K OHM +-5% 1/8W FENGHUA	1
R986	061G0805331 JI	9JR6100001031	RST CHIPR 330 OHM +-5% 1/8W	1
R987	061G 60268252T TZ	9JR6100000979	RST CFR 6K8 1/6W 5%	1
R988	061G0805474 JI	9JR6100001049	RST CHIPR 470 KOHM +-5% 1/8W 0805	1
R989	061G 60210052T TZ	9JR6100000361	RST CFR 10R 1/6W 5%	1
R990	061G1206100 JF	9JR6100000961	RST CHIPR 10 OHM +-5% 1/4W FENGHUA	1
R991	061G08051202FI	9JR6100000997	RST CHIP 12K 1/8W 1% TA-I	1
R992	061G08051802FT	9JR6100000365	RST CHIP 18K 1/8W 1%	1
R993	061G08052702FI	9JR6100001024	RST CHIPR 27KOHM +-1% 1/8W	1
R994	061G0805472 JI	9JR6100001046	RST CHIPR 4.7 KOHM +-5% 1/8W 0805	1
R995	061G0805332 JI	9JR6100001033	RST CHIPR 3.3 KOHM +-5% 1/8W	1
R996	061G0805103 JF	9JR6100000960	RST CHIPR 10K OHM +-5% 1/8W FENGHUA	1
R997	061G08055602FI	9JR6100001144	RST CHIPR 56 KOHM +-1% 1/8W 0805	1
R998	061G0805103 JF	9JR6100000960	RST CHIPR 10K OHM +-5% 1/8W FENGHUA	1
R999	061G0805332 JI	9JR6100001033	RST CHIPR 3.3 KOHM +-5% 1/8W	1
RV901	061G 46561 WB	9JR6100000963	VARISTOR 561V TVR14561KFAOZF	1
RV903	061G 46561 WB	9JR6100000963	VARISTOR 561V TVR14561KFAOZF	1
SG901	062G 10 18 KW	9JR6200000004	SURGE PROTECT GS41-201MA A	1
SG902	062G 10 18 KW	9JR6200000004	SURGE PROTECT GS41-201MA A	1
SG903	062G 10 18 KW	9JR6200000004	SURGE PROTECT GS41-201MA A	1
SG904	062G 10 18 KW	9JR6200000004	SURGE PROTECT GS41-201MA A	1
T901	080GL32P 29 L	9JR8000000022	X'FMR 1MH 10% 20UH PT-013084	1
T902	080GL32P 28 L	9JR8000000021	X'FMR X'FMR 3MH 3MH 10%	1
ZD930	093G 3992152T	9JR9300000004	DIODE BZX79-C9V1 DO-35	1
ZD931	093G 3990752T	9JR9300000002	DIO REG BZX79-C5V1 A (PHSE) A	1
ZD980	093G 3993252T	9JR9300000170	DIODE P6KE160A DO-15	1
ZD981	093G 3990252T	9JR9300000121	BZX79-C15	1
ZD983	093G 3994852T	9JR9300000142	DIODE ZENER BZX79-C24 DO-35	1
ZD984	093G 3990252T	9JR9300000121	BZX79-C15	1

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Item	TPV Code Number	SHARP Parts Code	Description	Qty.
BD901	093G 50460 34	9JR9300000122	BRIDGE KBJ608G 6A/800V KBJ	1
C901	063G107K474 UU	9JR6300000030	CAP X2 0.47UF 10% 305VAC	1
C902	065G306M1022B3	9JR6500000186	Y1 CAP 1000PF M 250VAC TDK	1
C903	065G306M1022B3	9JR6500000186	Y1 CAP 1000PF M 250VAC TDK	1
C904	063G107K474 UU	9JR6300000030	CAP X2 0.47UF 10% 305VAC	1
C906	065G306M1022B3	9JR6500000186	Y1 CAP 1000PF M 250VAC TDK	1
C907	067G 43R47015K	9JR7100000081	EC 47UF 20% 450V 13*35	1
C908	065G306M1022B3	9JR6500000186	Y1 CAP 1000PF M 250VAC TDK	1
C909	065G306M1022B3	9JR6500000186	Y1 CAP 1000PF M 250VAC TDK	1
C910	063G216K105HCU	9JR6300000028	CAP MPP 1UF 10% 500V BULK (B)	1
C911	065G080533422K A	9JR6500000479	MLCC 0805 330NF 25V X7R +/-10% SAMSUNG	1
C912	065G080533422K A	9JR6500000479	MLCC 0805 330NF 25V X7R +/-10% SAMSUNG	1
C913	065G080533422K A	9JR6500000479	MLCC 0805 330NF 25V X7R +/-10% SAMSUNG	1
C914	065G080522512K T	9JR6500000454	CAP CHIP 0805 2.2UF K 16V X7R	1
C915	065G080510232K A	9JR6500000365	CAP CHIP 0805 1000pF K 50V X7R	1
C916	067G 43R47015K	9JR7100000081	EC 47UF 20% 450V 13*35	1
C917	065G080510432K A	9JR6500000370	CAP CHIP 0805 100nF K 50V X7R	1
C918	067G 43R47015K	9JR7100000081	EC 47UF 20% 450V 13*35	1
C931	065G080533422K A	9JR6500000479	MLCC 0805 330NF 25V X7R +/-10% SAMSUNG	1
C932	065G080522432K A	9JR6500000377	CAP CHIP 0805 0.22UF K 50V X7R	1
C933	065G080533131J A	9JR6500000477	MLCC 0805 330pF 50V NPO +/-5% SAMSUNG	1
C934	067G 3054797CT	9JR7100000072	EC 4U7 50V KM 5*11mm	1
C935	065G080510432K A	9JR6500000370	CAP CHIP 0805 100nF K 50V X7R	1
C936	065G120610432K A	9JR6500000384	CAP CHIP 1206 0.1UF K 50V X7R	1
C937	065G120610532K T	9JR6500000462	CAP CHIP 1206 1uF K 50V X7R	1
C938	065G080510131J A	9JR6500000476	CAP CHIP 0805 100pF J 50V NPO	1
C940	065G080510432K A	9JR6500000370	CAP CHIP 0805 100nF K 50V X7R	1
C941	063G210J2234CC	9JR6300000012	CAP MPP 22NF 630V 5%	1
C942	065G080510232K A	9JR6500000365	CAP CHIP 0805 1000pF K 50V X7R	1
C943	067G415Y152 7C	9JR6700000236	EC 1500uF +20% 50V GF 13*45	1
C945	067G515Z10110K	9JR7100000093	EC 100UF 20% 160V 12.5*30	1
C946	067G 4156814KV	9JR6700000232	EC 680UF 20% 25V EP 12.5*12	1
C947	067G 3052214CT	9JR7100000045	EC 220UF/25V KM 8*11mm	1
C948	065G080533232K A	9JR6500000478	CAP CHIP 0805 3.3NF K 50V X7R	1
C949	065G080510432K A	9JR6500000370	CAP CHIP 0805 100nF K 50V X7R	1
C950	067G515Z10110K	9JR7100000093	EC 100UF 20% 160V 12.5*30	1
C951	067G 30547910C	9JR7100000071	EC 4.7UF 20% 160V 8*11.5	1
C953	065G 1K1529AT	9JR6500000306	C CAP. 1500PF 1KV	1
C954	065G 1K1019AT	9JR6500000222	C CAP. 100PF 1KV RR	1
C955	065G 1K1019AT	9JR6500000222	C CAP. 100PF 1KV RR	1
C956	065G517K152 2T	9JR6500000464	1500pf 10% z5p 500v	1

Item	TPV Code Number	SHARP Parts Code	Description	Qty.
C960	065G 1K4719AT	9JR6500000449	C CAP. 470PF 1KV RR	1
C980	065G517K1522AT	9JR6500000223	CER2 DC B 500V S 1N5 PM10 A	1
C981	067G 3053307CT	9JR6700000054	105□ RADIAL E-CAPACTOR 33uF 50V	1
C983	065G080510432K A	9JR6500000370	CAP CHIP 0805 100nF K 50V X7R	1
C984	064G 47G1031AT EU	9JR6400000004	F/C PPN 0.01uF 100V 2% EUROPTRONIC	1
C985	067G515Y102 2C	9JR6700000237	EC 1000uF 20% 10V GF 10*16	1
C986	067G 3054704CT	9JR6700000121	EC 47uF 25V KM 5x11mm	1
C987	067G515Y102 2C	9JR6700000237	EC 1000uF 20% 10V GF 10*16	1
C989	065G080510432K A	9JR6500000370	CAP CHIP 0805 100nF K 50V X7R	1
C990	067G 3051007CT	9JR7100000069	EC 10UF/50V KM 5*11mm	1
C991	065G080510232K A	9JR6500000365	CAP CHIP 0805 1000pF K 50V X7R	1
C992	067G 4153317KV	9JR7100000077	eC 330UF 20% 50V EP 12.5*12	1
C993	065G080510332K A	9JR6500000367	CAP CHIP 0805 10nF K 50V X7R	1
C994	065G080510332K A	9JR6500000367	CAP CHIP 0805 10nF K 50V X7R	1
C995	065G060315031J A	9JR6500000400	CAP CHIP 0603 15PF J 50V NPO	1
C996	065G080510332K A	9JR6500000367	CAP CHIP 0805 10nF K 50V X7R	1
C997	065G080510522K Y	9JR6500000170	CAP CHIP 0805 1UF K 25V X7R	1
C998	065G080522432K A	9JR6500000377	CAP CHIP 0805 0.22UF K 50V X7R	1
CN901	311GW396A04ABX	9JR3110000002	WAFER 3.96mm 4P (³é 2,3N)	1
CN902	095G 82513F941	9JR9500000178	HARNESS 13P(SCN) - 13P 500mm	1
CN903	095G 825 7F907	9JR9500000177	HARNESS 7P(SCN) - 13P 400mm	1
CN904	095G 825 7F906	9JR9500000176	HARNESS 7P(SCN) - 12P 400mm	1
D902	093G 64907	9JR9300000178	DIODE UD1006LS TO220FI	1
D903	093G 52S900 T	9JR9300000127	DIODE BAV103 SOD-80C PHILIPS	1
D935	093G 60507	9JR9300000068	SRF1060	1
D951	093G 52S900 T	9JR9300000127	DIODE BAV103 SOD-80C PHILIPS	1
D952	093G 52S900 T	9JR9300000127	DIODE BAV103 SOD-80C PHILIPS	1
D953	093C 6451952T	9JR9300000168	DIODE BAV21 SEMTECH	1
D954	093C 6451952T	9JR9300000168	DIODE BAV21 SEMTECH	1
D955	093G 60935	9JR9300000177	DIODE MBRF20100CT ITO-220AB	1
D956	093G 52901	9JR9300000174	DIODE SB240 DO-41	1
D957	093G 64S522SEM	9JR9300000061	LL4148	1
D958	093G 64S522SEM	9JR9300000061	LL4148	1
D959	093C 6451952T	9JR9300000168	DIODE BAV21 SEMTECH	1
D960	093G 52S900 T	9JR9300000127	DIODE BAV103 SOD-80C PHILIPS	1
D961	093C 6451952T	9JR9300000168	DIODE BAV21 SEMTECH	1
D962	093G 52901	9JR9300000174	DIODE SB240 DO-41	1
D963	093C 6451952T	9JR9300000168	DIODE BAV21 SEMTECH	1
D980	093G108090052T	9JR9300000131	DIODE UG1006 1A 800V DO-41	1
D983	093G201090052T	9JR9300000090	DIODE SR210 100V 2A DO-15	1
D984	093G201090052T	9JR9300000090	DIODE SR210 100V 2A DO-15	1
D985	093G 60288	9JR9300000175	DIODE MBRF10100CT 10A/100V ITO-220AB	1
D986	093G 64S 38SEM	9JR9300000181	BAW56 SOT-23 SEMTECH	1

Item	TPV Code Number	SHARP Parts Code	Description	Qty.
D987	093G 64S 38SEM	9JR9300000181	BAW56 SOT-23 SEMTECH	1
D988	093G 64S 38SEM	9JR9300000181	BAW56 SOT-23 SEMTECH	1
D989	093G 64S 38SEM	9JR9300000181	BAW56 SOT-23 SEMTECH	1
D990	093C 6451952T	9JR9300000168	DIODE BAV21 SEMTECH	1
D991	093G 52 70 1	9JR9300000172	1N5408-E(Short pin) 3A/1000V DO-201AD	1
F901	084G 41 4	9JR8400000012	FUSE 250V 4A	1
F902	084G 41 4	9JR8400000012	FUSE 250V 4A	1
FB904	071G 55909	9JR7100000029	FERRITE CORE 2.5*3*0.8 BF-L25030W-768	1
FB905	071G 55 8	9JR7100000028	FERRITE BEAD	1
FB980	071G 55909	9JR7100000029	FERRITE CORE 2.5*3*0.8 BF-L25030W-768	1
FB982	071G 55909	9JR7100000029	FERRITE CORE 2.5*3*0.8 BF-L25030W-768	1
FB983	071G 55909	9JR7100000029	FERRITE CORE 2.5*3*0.8 BF-L25030W-768	1
FB984	071G 55909	9JR7100000029	FERRITE CORE 2.5*3*0.8 BF-L25030W-768	1
FB985	071G 55 19 T	9JR7100000001	FERRITE BEAD D9X3. 5X0.8	1
FB986	071G 55909	9JR7100000029	FERRITE CORE 2.5*3*0.8 BF-L25030W-768	1
FB987	073G 253215 H	9JR7300000096	CHOKE COIL 4.7uH 20% LB4R7 HA	1
HBD901	Q90G0194 1	9JR9000000017	Heatsink	1
HD935	Q90G0195 1	9JR9000000019	Heat Sink	1
HD955	Q90G0194 1	9JR9000000017	Heatsink	1
HQ901	Q90G0194 1	9JR9000000017	Heatsink	1
HQ991	Q90G0194 1	9JR9000000017	Heatsink	1
HQ992	Q90G0195 1	9JR9000000019	Heat Sink	1
HQ994	Q90G0194 1	9JR9000000017	Heatsink	1
HQ997	Q90G0194 1	9JR9000000017	Heatsink	1
HQ999	Q90G0195 1	9JR9000000019	Heat Sink	1
IC901	056G 379164	9JR5600000211	IC FAN6961SZ SOP-8	1
IC902	056G 379164	9JR5600000211	IC FAN6961SZ SOP-8	1
IC931	056G 581 7	9JR5600000114	IC TNY277PN DIP-8C	1
IC932	056G 139 7 1	9JR5600000057	IC EL817MA M-TYPE	1
IC951	056G 665 10 1	9JR5600000075	IC RESONANT L6599DTR SO-16N ST	1
IC952	056G 139 7 1	9JR5600000057	IC EL817MA M-TYPE	1
IC953	056G 158 12	9JR5600000084	KIA431A-AT/P TO-92	1
IC982	056G 158 12	9JR5600000084	KIA431A-AT/P TO-92	1
IC991	056G 139 7 1	9JR5600000057	IC EL817MA M-TYPE	1
IC992	056G 563216	9JR5600000194	IC DC/DC AZ432AZTR-G1 TO-92	1
IC993	056G 563216	9JR5600000194	IC DC/DC AZ432AZTR-G1 TO-92	1
IC994	056G 563216	9JR5600000194	IC DC/DC AZ432AZTR-G1 TO-92	1
IC995	056G 563216	9JR5600000194	IC DC/DC AZ432AZTR-G1 TO-92	1
IC996	056G 563216	9JR5600000194	IC DC/DC AZ432AZTR-G1 TO-92	1
IC997	056G 563216	9JR5600000194	IC DC/DC AZ432AZTR-G1 TO-92	1
IC998	056G 563216	9JR5600000194	IC DC/DC AZ432AZTR-G1 TO-92	1
IC999	056G 563216	9JR5600000194	IC DC/DC AZ432AZTR-G1 TO-92	1
L901	073G 174185 H	9JR7300000088	LINE FILTER 12MH MIN LCL-12009 HA	1

Item	TPV Code Number	SHARP Parts Code	Description	Qty.
L902	073G 174185 H	9JR7300000088	LINE FILTER 12MH MIN LCL-12009 HA	1
L904	071G 55 21	9JR7100000043	FERRITE BEAD	1
L905	071G 55 21	9JR7100000043	FERRITE BEAD	1
L906	073G 174197 S	9JR7300000105	PFC CHOKE 350uH 15% BCK-P33-08310	1
L907	073G 174198 S	9JR7300000106	PFC CHOKE 50uH 15% BCK-P33-02810	1
L931	073G 253 91 V	9JR7300000072	CHOKE COIL 3.5uH+-10%	1
L980	073G 253 91 V	9JR7300000072	CHOKE COIL 3.5uH+-10%	1
NR901	061G 58900 WT	9JR6100000688	NTC 1R55 SCK101R55LSY	1
Q901	057G 667938	9JR5700000095	MOSFET TK12A60U SC-67	1
Q902	057G 477900 T	9JR5700000052	TRA SIG SM BC847C (KEC0) R	1
Q903	057G 759 2	9JR5700000055	RK7002FD5T116 SOT-23 BY ROHM	1
Q904	057G 477900 T	9JR5700000052	TRA SIG SM BC847C (KEC0) R	1
Q905	057G 477900 T	9JR5700000052	TRA SIG SM BC847C (KEC0) R	1
Q906	057G 477900 T	9JR5700000052	TRA SIG SM BC847C (KEC0) R	1
Q931	057G 761900 T	9JR5700000076	BC857 SOT23	1
Q932	057G 761900 T	9JR5700000076	BC857 SOT23	1
Q933	057G 761900 T	9JR5700000076	BC857 SOT23	1
Q945	057G 420903 T	9JR5700000045	TRA SIG BC327-40 (KEC0) A	1
Q951	057G 611903	9JR5700000092	MOSFET AOTF12N50 TO-220F	1
Q952	057G 611903	9JR5700000092	MOSFET AOTF12N50 TO-220F	1
Q988	057G 477900 T	9JR5700000052	TRA SIG SM BC847C (KEC0) R	1
Q989	057G 477900 T	9JR5700000052	TRA SIG SM BC847C (KEC0) R	1
Q990	057G 477900 T	9JR5700000052	TRA SIG SM BC847C (KEC0) R	1
Q991	057G 600932	9JR5700000098	MOSFET FDPF39N20 TO-220F	1
Q992	057G 600926	9JR5700000090	MOSFET 2SK2381 SC-67	1
Q993	057G 600926	9JR5700000090	MOSFET 2SK2381 SC-67	1
Q994	057G 600926	9JR5700000090	MOSFET 2SK2381 SC-67	1
Q995	057G 600926	9JR5700000090	MOSFET 2SK2381 SC-67	1
Q996	057G 600926	9JR5700000090	MOSFET 2SK2381 SC-67	1
Q997	057G 600926	9JR5700000090	MOSFET 2SK2381 SC-67	1
Q998	057G 600926	9JR5700000090	MOSFET 2SK2381 SC-67	1
Q999	057G 600926	9JR5700000090	MOSFET 2SK2381 SC-67	1
R901	061G1206224 JI	9JR6100001068	RST 220K OHM 5% 1/4W TA-I	1
R902	061G1206224 JI	9JR6100001068	RST 220K OHM 5% 1/4W TA-I	1
R903	061G1206224 JI	9JR6100001068	RST 220K OHM 5% 1/4W TA-I	1
R904	061G152M10852T SY	9JR6100001151	RST MOF 0R1 5% 2W	1
R905	061G0805683 JF	9JR6100001056	RST CHIPR 68KOHM +-5% 1/8W FENGHUA	1
R906	061G152M10852T SY	9JR6100001151	RST MOF 0R1 5% 2W	1
R907	061G0805243 JF	9JR6100001021	RST CHIPR 24KOHM +-5% 1/8W FENGHUA	1
R908	061G0805333 JI	9JR6100001035	RST CHIPR 33 KOHM +-5% 1/8W	1
R909	061G08056800FF	9JR6100001054	RST CHIPR 680OHM +-1% 1/8W FENGHUA	1
R910	061G12061004FF	9JR6100001059	RST CHIPR 1 MOHM +-1% 1/4W FENGHUA	1
R9100	061G0805183 JT	9JR6100001131	NO-Suggest RST CHIP 18K 1/8W 5%	1

Item	TPV Code Number	SHARP Parts Code	Description	Qty.
R9102	061G 60233252T TZ	9JR6100000596	RST CFR 3K3 1/6W 5%	1
R9103	061G1206000 JF	9JR6100001117	RST CHIPR MAX0R05 1/4W FENGHUA	1
R9104	061G203S11552T 9TZ	9JR6100001077	RST MFR 11.5 OHM 1% 1/2WS	1
R9105	061G 60233252T TZ	9JR6100000596	RST CFR 3K3 1/6W 5%	1
R9106	061G203S11552T 9TZ	9JR6100001077	RST MFR 11.5 OHM 1% 1/2WS	1
R9107	061G 60222352T TZ	9JR6100000976	RST CFR 22K 1/6W 5%	1
R9108	061G0805332 JI	9JR6100001033	RST CHIPR 3.3 KOHM +-5% 1/8W	1
R9109	061G0805103 JF	9JR6100000960	RST CHIPR 10K OHM +-5% 1/8W FENGHUA	1
R911	061G12061004FF	9JR6100001059	RST CHIPR 1 MOHM +-1% 1/4W FENGHUA	1
R9110	061G0805333 JI	9JR6100001035	RST CHIPR 33 KOHM +-5% 1/8W	1
R9111	061G 60210352T TZ	9JR6100000592	\RST CFR 10K 1/6W 5%	1
R9112	061G 60233252T TZ	9JR6100000596	RST CFR 3K3 1/6W 5%	1
R9113	061G08051201FI	9JR6100001130	RST 0805 1K2 1% 1/8W	1
R9114	061G0805152 JF	9JR6100001004	RST CHIPR 1.5KOHM +-5% 1/8W FENGHUA	1
R9116	061G0805101 JF	9JR6100000989	RST CHIPR 100 OHM +-5% 1/8W FENGHUA	1
R9117	061G203S11552T 9TZ	9JR6100001077	RST MFR 11.5 OHM 1% 1/2WS	1
R9118	061G0805332 JI	9JR6100001033	RST CHIPR 3.3 KOHM +-5% 1/8W	1
R9119	061G0805332 JI	9JR6100001033	RST CHIPR 3.3 KOHM +-5% 1/8W	1
R912	061G12061004FF	9JR6100001059	RST CHIPR 1 MOHM +-1% 1/4W FENGHUA	1
R9120	061G 60222052T TZ	9JR6100000594	RST CFR 22R 1/6W 5%	1
R9127	061G0805109 JI	9JR6100000995	RST CHIP 1R 1/8W 5% TA-I	1
R9128	061G0805109 JI	9JR6100000995	RST CHIP 1R 1/8W 5% TA-I	1
R9129	061G1206512 JI	9JR6100001073	RST 5.1K OHM 5% 1/4W TA-I	1
R913	061G08051802FT	9JR6100000365	RST CHIP 18K 1/8W 1%	1
R9130	061G0805100 JF	9JR6100001116	RST CHIPR 10 OHM +-5% 1/10W FENGHUA	1
R914	061G0805153 JI	9JR6100001006	RST 15K OHM 5% 1/8W TA-I	1
R915	061G152M10852T SY	9JR6100001151	RST MOF 0R1 5% 2W	1
R916	061G0805513 JI	9JR6100001052	RST CHIPR 51K OHM +-5% 1/8W 0805	1
R917	061G 60233152T TZ	9JR6100000595	RST CFR 330R 1/6W 5%	1
R918	061G1206331 JF	9JR6100001071	RST CHIPR 330 OHM +-5% 1/4W FENGHUA	1
R919	061G0805151 JF	9JR6100001002	RST CHIPR 150 OHM +-5% 1/8W FENGHUA	1
R920	061G0805101 JI	9JR6100001126	TEST ONLY RST 100 OHM 5% 1/8W TA-I	1
R921	061G08052201FF	9JR6100001013	RST CHIPR 2.2KOHM +-1% 1/8W FENGHUA	1
R922	061G0805224 JF	9JR6100001020	RST CHIPR 220KOHM +-5% 1/8W FENGHUA	1
R923	061G0805330 JI	9JR6100001029	RST CHIPR 33 OHM +-5% 1/8W	1
R924	061G203S11552T 9TZ	9JR6100001077	RST MFR 11.5 OHM 1% 1/2WS	1
R925	061G 60233252T TZ	9JR6100000596	RST CFR 3K3 1/6W 5%	1
R926	061G0805330 JI	9JR6100001029	RST CHIPR 33 OHM +-5% 1/8W	1
R927	061G203S11552T 9TZ	9JR6100001077	RST MFR 11.5 OHM 1% 1/2WS	1
R928	061G 60233252T TZ	9JR6100000596	RST CFR 3K3 1/6W 5%	1
R929	061G0805330 JI	9JR6100001029	RST CHIPR 33 OHM +-5% 1/8W	1
R930	061G 60247552T TZ	9JR6100000599	RST CHIP 4M7 1/6W 5%	1
R931	061G0805124 JI	9JR6100001000	RST CHIP 120K 1/8W 5% TA-I	1

Item	TPV Code Number	SHARP Parts Code	Description	Qty.
R932	061G0805103 JF	9JR6100000960	RST CHIPR 10K OHM +-5% 1/8W FENGHUA	1
R933	061G1206225 JI	9JR6100001069	RST 2.2M OHM 5% 1/4W TA-I	1
R934	061G1206225 JI	9JR6100001069	RST 2.2M OHM 5% 1/4W TA-I	1
R935	061G1206225 JI	9JR6100001069	RST 2.2M OHM 5% 1/4W TA-I	1
R936	061G0805103 JF	9JR6100000960	RST CHIPR 10K OHM +-5% 1/8W FENGHUA	1
R937	061G 60222052T	9JR6100000975	CFR 22 OHM+-5% 1/6W	1
R938	061G0805101 JF	9JR6100000989	RST CHIPR 100 OHM +-5% 1/8W FENGHUA	1
R939	061G0805472 JI	9JR6100001046	RST CHIPR 4.7 KOHM +-5% 1/8W 0805	1
R940	061G203S11552T 9TZ	9JR6100001077	RST MFR 11.5 OHM 1% 1/2WS	1
R941	061G 60233252T TZ	9JR6100000596	RST CFR 3K3 1/6W 5%	1
R942	061G0805471 JF	9JR6100001045	RST CHIPR 470 OHM +-5% 1/8W FENGHUA	1
R943	061G0805332 JI	9JR6100001033	RST CHIPR 3.3 KOHM +-5% 1/8W	1
R944	061G 60233252T TZ	9JR6100000596	RST CFR 3K3 1/6W 5%	1
R945	061G0805473 JF	9JR6100001047	RST CHIPR 47K OHM +-5% 1/8W FENGHUA	1
R946	061G0805153 JI	9JR6100001006	RST 15K OHM 5% 1/8W TA-I	1
R947	061G0805331 JI	9JR6100001031	RST CHIPR 330 OHM +-5% 1/8W	1
R948	061G0805223 JI	9JR6100001018	RST CHIPR 22 KOHM +-5% 1/8W	1
R949	061G 60233252T TZ	9JR6100000596	RST CFR 3K3 1/6W 5%	1
R950	061G 60233252T TZ	9JR6100000596	RST CFR 3K3 1/6W 5%	1
R951	061G0805330 JI	9JR6100001029	RST CHIPR 33 OHM +-5% 1/8W	1
R952	061G0805152 JF	9JR6100001004	RST CHIPR 1.5KOHM +-5% 1/8W FENGHUA	1
R953	061G203S11552T 9TZ	9JR6100001077	RST MFR 11.5 OHM 1% 1/2WS	1
R954	061G0805330 JI	9JR6100001029	RST CHIPR 33 OHM +-5% 1/8W	1
R955	061G 60210452T TZ	9JR6100000593	RST CFR 100K 1/6W 5%	1
R956	061G0805333 JI	9JR6100001035	RST CHIPR 33 KOHM +-5% 1/8W	1
R957	061G 60233252T TZ	9JR6100000596	RST CFR 3K3 1/6W 5%	1
R958	061G08052702FF	9JR6100001023	RST CHIPR 27KOHM +-1% 1/8W FENGHUA	1
R959	061G0805105 JF	9JR6100000993	RST CHIPR 1M OHM +- 5% 1/8W FENGHUA	1
R960	061G0805101 JF	9JR6100000989	RST CHIPR 100 OHM +-5% 1/8W FENGHUA	1
R961	061G0805513 JI	9JR6100001052	RST CHIPR 51K OHM +-5% 1/8W 0805	1
R962	061G0805101 JF	9JR6100000989	RST CHIPR 100 OHM +-5% 1/8W FENGHUA	1
R963	061G0805513 JI	9JR6100001052	RST CHIPR 51K OHM +-5% 1/8W 0805	1
R964	061G0805331 JI	9JR6100001031	RST CHIPR 330 OHM +-5% 1/8W	1
R965	061G1206682 JF	9JR6100001075	RST CHIPR 6.8KOHM +-5% 1/4W FENGHUA	1
R966	061G0805222 JF	9JR6100001016	RST CHIPR 2.2KOHM +-5% 1/8W FENGHUA	1
R967	061G0805331 JI	9JR6100001031	RST CHIPR 330 OHM +-5% 1/8W	1
R968	061G0805472 JI	9JR6100001046	RST CHIPR 4.7 KOHM +-5% 1/8W 0805	1
R969	061G1206102 JF	9JR6100001062	RST CHIPR 1KOHM +-5% 1/4W FENGHUA	1
R970	061G0805223 JI	9JR6100001018	RST CHIPR 22 KOHM +-5% 1/8W	1
R971	061G 60222052T	9JR6100000975	CFR 22 OHM+-5% 1/6W	1
R972	061G08052202FF	9JR6100001014	RST CHIPR 22KOHM +-1% 1/8W FENGHUA	1
R973	061G08052201FF	9JR6100001013	RST CHIPR 2.2KOHM +-1% 1/8W FENGHUA	1
R974	061G0805330 JI	9JR6100001029	RST CHIPR 33 OHM +-5% 1/8W	1

Item	TPV Code Number	SHARP Parts Code	Description	Qty.
R975	061G08051801FF	9JR6100001008	RST CHIPR 1.8KOHM +-1% 1/8W FENGHUA	1
R976	061G203S11552T 9TZ	9JR6100001077	RST MFR 11.5 OHM 1% 1/2WS	1
R977	061G0805103 JF	9JR6100000960	RST CHIPR 10K OHM +-5% 1/8W FENGHUA	1
R978	061G0805472 JI	9JR6100001046	RST CHIPR 4.7 KOHM +-5% 1/8W 0805	1
R979	061G0805472 JI	9JR6100001046	RST CHIPR 4.7 KOHM +-5% 1/8W 0805	1
R980	061G0805272 JF	9JR6100001025	RST CHIPR 2.7KOHM +-5% 1/8W FENGHUA	1
R981	061G08054702FI	9JR6100001044	RST CHIPR 47KOHM +-1% 1/8W	1
R982	061G0805470 JI	9JR6100001042	RST CHIPR 47 OHM +-5% 1/8W 0805	1
R983	061G 60247152T TZ	9JR6100000597	RST CFR 470R 1/6W 5%	1
R984	061G0805123 JF	9JR6100000998	RST CHIPR 12KOHM +-5% 1/8W FENGHUA	1
R985	061G0805103 JF	9JR6100000960	RST CHIPR 10K OHM +-5% 1/8W FENGHUA	1
R986	061G0805331 JI	9JR6100001031	RST CHIPR 330 OHM +-5% 1/8W	1
R987	061G 60268252T TZ	9JR6100000979	RST CFR 6K8 1/6W 5%	1
R988	061G0805474 JI	9JR6100001049	RST CHIPR 470 KOHM +-5% 1/8W 0805	1
R989	061G 60210052T TZ	9JR6100000361	RST CFR 10R 1/6W 5%	1
R990	061G1206100 JF	9JR6100000961	RST CHIPR 10 OHM +-5% 1/4W FENGHUA	1
R991	061G08051202FI	9JR6100000997	RST CHIP 12K 1/8W 1% TA-I	1
R992	061G08051802FT	9JR6100000365	RST CHIP 18K 1/8W 1%	1
R993	061G08052702FI	9JR6100001024	RST CHIPR 27KOHM +-1% 1/8W	1
R994	061G0805472 JI	9JR6100001046	RST CHIPR 4.7 KOHM +-5% 1/8W 0805	1
R995	061G0805332 JI	9JR6100001033	RST CHIPR 3.3 KOHM +-5% 1/8W	1
R996	061G0805103 JT	9JR6100000895	RST CHIPR 10K OHM +- 5% 1/8W TZAI YUAN	1
R997	061G08054702FI	9JR6100001044	RST CHIPR 47KOHM +-1% 1/8W	1
R998	061G0805103 JF	9JR6100000960	RST CHIPR 10K OHM +-5% 1/8W FENGHUA	1
R999	061G0805332 JI	9JR6100001033	RST CHIPR 3.3 KOHM +-5% 1/8W	1
RV901	061G 46561 WB	9JR6100000963	VARISTOR 561V TVR14561KFAOZF	1
RV903	061G 46561 WB	9JR6100000963	VARISTOR 561V TVR14561KFAOZF	1
SG901	062G 10 18 KW	9JR6200000004	SURGE PROTECT GS41-201MA A	1
SG902	062G 10 18 KW	9JR6200000004	SURGE PROTECT GS41-201MA A	1
SG903	062G 10 18 KW	9JR6200000004	SURGE PROTECT GS41-201MA A	1
SG904	062G 10 18 KW	9JR6200000004	SURGE PROTECT GS41-201MA A	1
T901	080GL32P 29 L	9JR8000000022	X'FMR 1MH 10% 20UH PT-013084	1
T902	080GL32P 28 L	9JR8000000021	X'FMR X'FMR 3MH 3MH 10%	1
ZD930	093G 3992152T	9JR9300000004	DIODE BZX79-C9V1 DO-35	1
ZD931	093G 3990752T	9JR9300000002	DIO REG BZX79-C5V1 A (PHSE) A	1
ZD980	093G 3993252T	9JR9300000170	DIODE P6KE160A DO-15	1
ZD981	093G 3990252T	9JR9300000121	BZX79-C15	1
ZD983	093G 3994852T	9JR9300000142	DIODE ZENER BZX79-C24 DO-35	1
ZD984	093G 3990252T	9JR9300000121	BZX79-C15	1